

Chronicle's

SSC CGL

Combined Graduate Level Exam

REASONING

TCS PYQ Practice Book



75
SETs

2021-2023

- Previous years' solved question papers with detailed conceptual explanations
- Promotes clear understanding of the answers without any external help

SSC-CGL

Combined Graduate Level

REASONING

PYQ Solved Papers

- ✓ The questions in this book have been explained in such a way that you can understand the answers along with the concepts in detail without any external help.
- ✓ In the past few years, SSC conducted all its examinations in the CBT (Computer Based Test) format.
- ✓ In these examinations, questions are not repeated, but the nature and pattern of the questions remain more or less the same.
- ✓ This observation is based on a careful analysis of the questions that have been asked in the past three years.
- ✓ Accordingly, in this book, solutions of three previous years question (PYQ) papers have been given.

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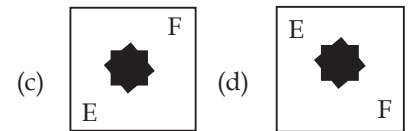
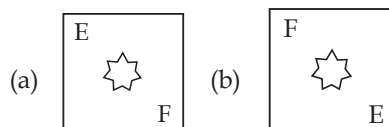
1. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$19 : 34 :: 5 : 6 :: 27 : ?$$

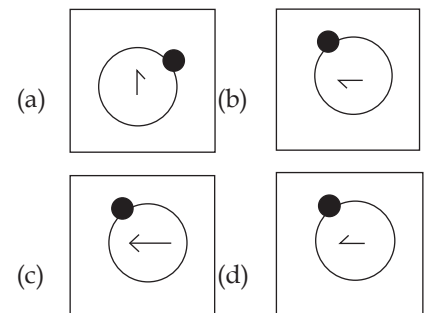
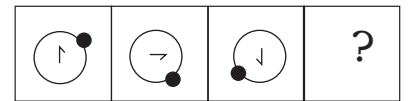
- (a) 50 (b) 67
(c) 52 (d) 63
2. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)
(4, 3, 16)
(6, 4, 28)
- (a) (5, 2, 49) (b) (8, 2, 20)
(c) (8, 1, 18) (d) (3, 2, 12)
3. Which two signs should be interchanged to make the given equation correct?
 $171 \div 3 - 16 + 72 \times 412 = 572$
- (a) \times and $-$ (b) \div and $-$
(c) \div and $+$ (d) $-$ and $+$
4. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
- (a) EBV (b) GET
(c) BYY (d) JGQ
5. Which two signs should be interchanged to make the given equation correct?
 $17 \times 4 + 6 \div 2 - 27 = 92.$
- (a) $+$ and \times (b) \div and \times
(c) $+$ and $-$ (d) \div and $+$
6. Which letter-cluster will replace the question mark (?) to complete the given series?
PQST, TOVS, ?, BKBQ, FIEP.
- (a) XMYR (b) XYRM
(c) YNZQ (d) XNYQ
7. 'E + B' means 'E is the husband of B'
'E - B' means 'E is the daughter of B'
'E \$ B' means 'E is the father of B'

'E # B' means 'E is the mother of B'
If 'N + D # Z \$ B', then how is N related to B?

- (a) N is the paternal grandfather of B
(b) N is the mother-in-law of B
(c) N is the paternal grandmother of B
(d) N is the maternal grandmother of B
8. In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. Some rings are fingers.
II. Some fingers are toes.
III. No toe is an earring.
Conclusions:
I. No earring is a ring.
II. Some toes are rings.
- (a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Only conclusion I follows
(d) Both conclusions I and II follow
9. Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.
S _ UCTSR _ _ T _ RUE _ SR _ _ T.
- (a) R U E S T V G
(b) R V D S T U F
(c) R U D S T U F
(d) R V E S T U F
10. Select the figure that will come in place of the question mark (?) in the following figure series.



11. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
India : Royal Bengal Tiger :: Australia : ?
- (a) Horse (b) Dragon
(c) Kangaroo (d) Elephant
12. Select the figure that will come next in the following figure series.



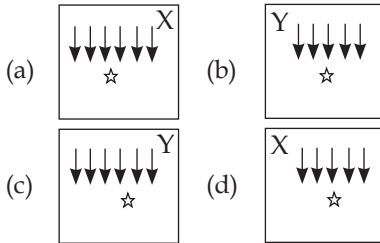
13. Which of the following numbers will replace the question mark (?) in the given series?
11, 36, ?, 121, 185, 266
- (a) 68 (b) 72
(c) 70 (d) 63
14. In a certain code language, 'FARM' is coded as HDTP and 'EGGS' is coded as GJIV. How will 'FOOD' be coded in the same language?
- (a) HQQG (b) GRQH
(c) HRQG (d) HQRG
15. Select the option in which the given figure is embedded (rotation is NOT allowed).

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 27/7/2023, Shift 2

1. Select the figure that will come in place of the question mark (?) in the following figure series.



2. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. For e.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(3, 6, 54)

(4, 2, 24)

(a) (9, 6, 60) (b) (5, 3, 30)

(c) (3, 4, 36) (d) (2, 6, 48)

3. Pointing to a man, Rocky (a man) said, "He is the father of the daughter of my daughter-in-law." How Rocky is related to that man?

- (a) Uncle
(b) Son
(c) Father
(d) Brother-in-law

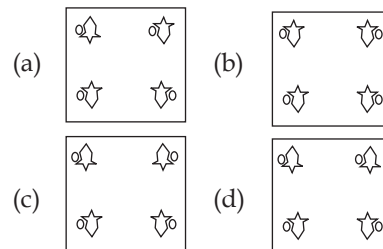
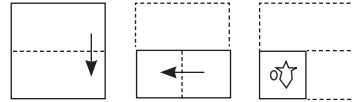
4. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

_ T M _ P T _ R _ _ M R P _ _ R.

- (a) M P T R M T T
(b) P R M P T T M
(c) P M T R R M T
(d) M T P R T M R

5. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown

- below. Choose the figure that would most closely resemble the unfolded form of the paper.



6. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some teachers are scientists.

All scientists are doctors.

All doctors are engineers.

Conclusions:

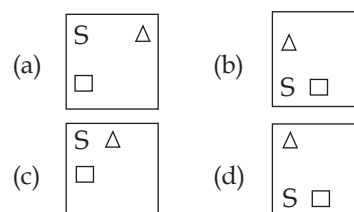
I. Some doctors are teachers.

II. Some engineers are teachers.

III. Some doctors are scientists.

- (a) Only conclusions I and II follow
(b) All conclusions follow
(c) Only conclusions I and III follow
(d) Only conclusions II and III follow

7. Which of the given figures when placed in the 5th position would continue the series that is established by the first four figures?



8. Which of the following numbers will replace the question mark (?) in the given series?

232, 221, 199, ?, 122, 67

- (a) 155 (b) 165
(c) 177 (d) 166

9. If '<' means '-', '!' means 'x', '>' means '+' and '\$' means '÷', then what is the value of the following expression?

205 > 210 \$ 15 ! 2 < 19.

- (a) 242 (b) 238
(c) 214 (d) 226

10. In a certain code language, 'PLIERS' is coded as MMAFJO and 'SHOVEL' is coded as FZRLFR. How will 'WRENCH' be coded in the same language?

- (a) CXJBQU (b) BXJBPV
(c) BXJBQU (d) CXIBPV

11. In a certain code language, 'SPIT' is coded as 'USKW' and 'COPY' is coded as 'ERRB'. How will 'MOCK' be coded in that language?

- (a) OQEN (b) PREN
(c) PQEN (d) OREN

12. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- (a) ADZV (b) MPNK
(c) FIUR (d) TWGD

13. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 8, 20)

(7, 3, 15)

- (a) (9, 4, 19) (b) (10, 5, 45)
(c) (8, 5, 12) (d) (11, 7, 17)

1. Looking at the family picture, Sneha said, "She is my brother's wife's son's father's mother-in-law's only daughter." How is the girl in the photo related to Sneha?

- (a) Daughter-in-law
- (b) Brother's wife
- (c) Mother
- (d) Sister

2. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GPK : MSI :: RHT : VKT :: IDW : ?

- (a) YGK
- (b) ZHL
- (c) KGY
- (d) YIK

3. Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem Figure



- (a)
- (b)
- (c)
- (d)

4. In a certain code language, 'DUST' is coded as 16 and 'EARTH' is coded as 25. How will 'MAN' be coded in the same language?

- (a) 12
- (b) 9
- (c) 6
- (d) 36

5. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Diamond
- 2. Dialogue
- 3. Dictator
- 4. Dialect
- 5. Diameter
- 6. Diagram

- (a) 6, 2, 4, 1, 5, 3
- (b) 6, 4, 2, 1, 5, 3
- (c) 4, 2, 6, 5, 1, 3
- (d) 6, 4, 2, 5, 1, 3

6. Which of the following terms will replace the question mark (?) in the given series?

AJRX, CNXF, ERDN, ?, IZPD

- (a) HVJV
- (b) GVJV
- (c) HVIT
- (d) GVKV

7. In a certain code language, 'BOOK' is written as '325', 'READ' is written as '400'. How will 'ABLE' be written in that language?

- (a) 445
- (b) 440
- (c) 442
- (d) 438

8. Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

G _ A R E G L _ R _ G _ C _ E G L _ _ E.

- (a) K B E L R D R
- (b) L B E L R D R
- (c) L A E L R E R
- (d) K B E L R E R

9. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- (a) FJU
- (b) KNP
- (c) CGX
- (d) IMR

10. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

- (4, 2, 6)
- (9, 3, 9)
- (24, 6, ?)

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed).

- (a) 10
- (b) 12
- (c) 15
- (d) 8

11. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (Note : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(17, 26, 37)

(170, 197, 226)

- (a) (48, 63, 80)
- (b) (45, 52, 105)
- (c) (16, 28, 36)
- (d) (52, 65, 83)

12. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(38, 29, 67)

(43, 36, 79)

- (a) (51, 39, 70)
- (b) (59, 28, 77)
- (c) (47, 35, 82)
- (d) (34, 47, 83)

13. Select the Venn diagram that best represents the relationship between the following classes.

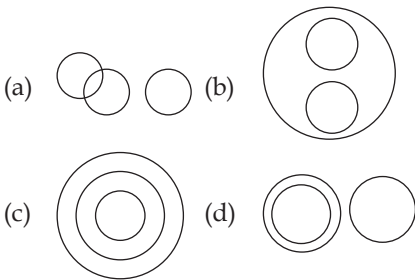
Snakes, Crocodiles, Reptiles

- (a)
- (b)
- (c)
- (d)

14. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair.

1. Select the Venn diagram that best illustrates the relationship between the following classes.

Reptiles, Alligators, Animals.



2. Which of the following letter-clusters will replace the question mark (?) in the given series?

WTDH, URGK, SPJN, ?, OLPT

- (a) QNMQ (b) QNLP
(c) QMNP (d) RNMQ

3. Select the set in which the numbers are NOT related in the same way as are the numbers of the following set. (Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13-Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 13, 16)
(4, 11, 14)

- (a) (8, 13, 10)
(b) (12, 21, 18)
(c) (7, 17, 20)
(d) (9, 21, 26)

4. If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression?

$$26 - 13 + 144 \times 18 \div 81.$$

- (a) 292 (b) 411
(c) 405 (d) 144

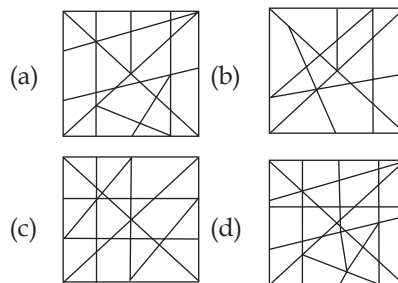
5. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(60, 15, 40)

(100, 50, 20)

- (a) (200, 40, 50) (b) (12, 45, 89)
(c) (10, 5, 30) (d) (40, 8, 10)

6. Select the option figure in which the given figure is embedded (rotation is NOT allowed).



7. 'A + B' means 'A is the brother of B'.
'A - B' means 'A is the mother of B'.
'A × B' means 'A is the husband of B'.
'A ÷ B' means 'A is the sister of B'.
If $P \div Q - R + S - K \times L$, then which of the following statements is correct?

- (a) Q is L's mother
(b) R is K's mother's brother
(c) Q is S's sister
(d) R is L's husband's brother

8. Select the number from among the given options that can replace the question mark (?) in the following series.

2, 6, 9, 27, 30, 90, ?

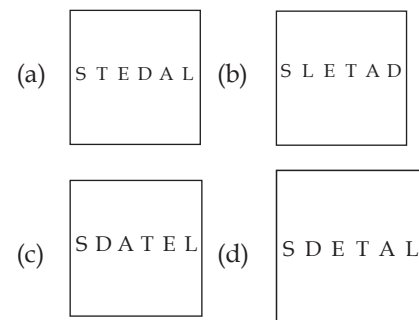
- (a) 85 (b) 88
(c) 90 (d) 93

9. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.

- (a) 15 : 34 (b) 1 : 6
(c) 7 : 18 (d) 18 : 42

10. Select the figure from the options that can replace the question mark(?) and complete the given pattern.

SLATED	ALSDET	TELSDA	LETADS	?
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11. 'Fair' is related to 'Righteous' in the same way as 'Cunning' is related to '_____'.
(a) Person (b) Personality
(c) Deceit (d) Character

12. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(15, 23, 31)

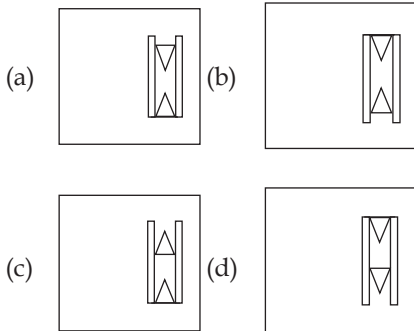
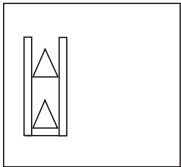
(33, 41, 49).

- (a) (21, 29, 43) (b) (20, 28, 36)
(c) (20, 33, 28) (d) (35, 43, 56)

1. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

Energy : Joule.

- (a) Temperature : Hot
(b) Force : Watt
(c) Power : Horse
(d) Current : Ampere
2. Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



3. Select the set in which the numbers are related in the same way as the numbers of the following set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(7, 15, 11)

(9, 19, 14).

- (a) (8, 16, 13) (b) (6, 13, 9)
(c) (13, 25, 21) (d) (11, 23, 17)

4. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Strategy
2. Strength
3. Stranger
4. Stretch
5. Struggle
6. Strange

- (a) 3, 6, 1, 2, 4, 5
(b) 6, 3, 1, 4, 2, 5
(c) 6, 1, 3, 2, 4, 5
(d) 6, 3, 1, 2, 4, 5

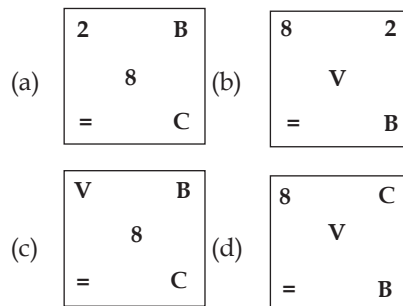
5. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- (a) 4 u b t r 2 w u g
(b) 4 d b t r 2 w u g
(c) 4 d b t r 2 w n g
(d) 4 d b t r 2 w u g

6. Select the figure that will replace the question mark (?) in the following figure.

8	K	K	8	C	V	V	C	?
V	B	=	=	V	B	=	8	8



7. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BET : UXM :: SYP : LRI :: HOX : ?

- (a) NVE (b) AHQ
(c) BHQ (d) MVE

8. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter cluster.

MAGNET : AMNGTE :: FAMILY : AFIMYL :: BLOCKS : ?

- (a) LCBOSK (b) OLBSKC
(c) LBCOSK (d) LBOCSK

9. Which letter-cluster will replace the question mark (?) to complete the given series?

GTCL, KWEM, OZGN, SCIO, ?

- (a) VGLQ (b) WKFD
(c) VJEF (d) WFKP

10. Looking at a photograph, Reema says, "This boy's father is the father of my daughter". How is the boy related to Reema's daughter?

- (a) Father
(b) Son
(c) Brother
(d) Father's brother

11. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- (a) 1 G t 1 8 3 2 A
(b) 1 2 t 1 8 2 Z A
(c) 1 2 t 1 8 3 2 A
(d) 1 2 t 1 8 2 2 A

12. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- (a) EILN (b) AEHJ
(c) MOQX (d) RVYA

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 26/7/2023, Shift 2

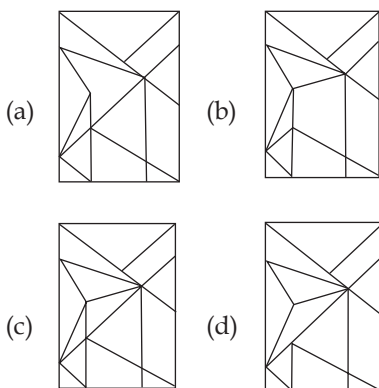
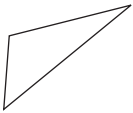
1. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CNY: GRC :: FRL: JVP :: ITK: ?

- (a) MYO (b) EOG
(c) MXO (d) EPG
2. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

QIN: XPU :: DSY: KZF :: ALM: ?

- (a) HTU (b) IST
(c) ITU (d) HST
3. Select the option figure in which the given figure is embedded (rotation is NOT allowed).



4. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

C _ _ UP _ EX _ PC _ XU _ _ E _ UP

- (a) EXCUPEXC
(b) EXCUEPCX
(c) EXUEPCXC
(d) XECUEPCX

5. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(9, 18, 324)
(14, 11, 308)

- (a) (14, 15, 320) (b) (11, 12, 268)
(c) (7, 12, 168) (d) (8, 13, 206)
6. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

2 : 9 :: 6 : 121 :: 5 : ?

- (a) 81 (b) 84
(c) 64 (d) 72

7. Select the set in which the numbers are NOT related in the same way as are the numbers of the following set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(8, 13, 21)
(13, 18, 31)

- (a) (14, 19, 33) (b) (8, 3, 11)
(c) (11, 16, 29) (d) (17, 12, 29)

8. In a certain code language, "MELODY" is written as "LEMYDO" and "PURPLE" is written as "RUPELP". How will "CLAUSE" be written in that language?

- (a) EUSLAC (b) ASUELC
(c) ALCESU (d) ESUALC

9. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Accompany
2. Accident
3. Accuracy
4. Acclaimed
5. Accepted
6. Accessary

- (a) 5, 6, 4, 2, 3, 1
(b) 6, 5, 4, 2, 3, 1
(c) 5, 6, 2, 4, 1, 3
(d) 6, 5, 2, 4, 1, 3

10. Looking at a photograph of a woman, Samuel said, "She is the mother of my father's brother's daughter." How is Samuel related to the woman shown in the picture?.

- (a) Son
(b) Brother
(c) Brother-in-law
(d) Husband's brother's son

11. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- (a) EIJN (b) DHIM
(c) BDFH (d) CGHL

12. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

45 * 86 * 23 * 36 * 18 * 2021

- (a) ×, +, -, ÷, = (b) +, -, ×, ÷, =
(c) -, ×, +, ÷, = (d) +, ×, -, ÷, =

13. Which of the following numbers will replace the question mark (?) in the given series?

2, 10, 40, 120, 240, ?

- (a) 480 (b) 300
(c) 360 (d) 240

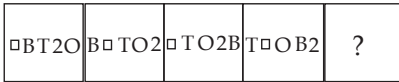
14. Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 26/7/2023, Shift 1

1. Select the figure from the options that can replace the question mark(?) and complete the given pattern.



- (a)

□TO2B

 (b)

2T□OB

- (c)

□BT2O

 (d)

□OB2T

2. Which of the following numbers will replace the question mark (?) in the given series?

8, 14, ?, 44, 68, 98, 134.

- (a) 20 (b) 28
(c) 36 (d) 26

3. Which two signs should be interchanged to make the given equation correct?

$13 \times 6 + 24 \div 6 - 17 = 91$.

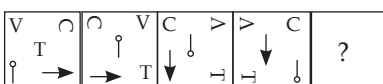
- (a) \div and + (b) + and \times
(c) \div and \times (d) + and -

4. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

5 : 127 :: 9 : ? :: 7 : 247.

- (a) 470 (b) 417
(c) 407 (d) 471

5. Select the figure that will replace the question mark (?) in the following figure series.



- (a)

Λ ↓ T ○

 (b)

V ↓ T ○

- (c)

< ↑ T ○

 (d)

Λ ↑ T ○

6. Which two numbers and two signs should be interchanged in the following equation to make it correct?

$4 + 2 \div 7 + 8 \times 9 = 25$

- (a) 4 and 9, + and \times
(b) 4 and 7, \div and \times
(c) 4 and 9, \div and \times
(d) 4 and 7, + and \times

7. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

ZXV, TRP, NLJ, HFD, ?

- (a) BZX (b) XZB
(c) ZXB (d) BXZ

8. In a certain code language, 'BIND' is coded as '9214' and 'DRIB' is coded as '4109'. What is the code for 'N' in the given code language?

- (a) 4 (b) 2
(c) 1 (d) 9

9. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

X-Ray : Radiologist :: Skin : ?

- (a) Dermatologist
(b) Radiologist
(c) Physiotherapist
(d) Ophthalmologist

10. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing

mathematical operations on 1 and 3 is not allowed)

(50, 60, 2000)

(20, 30, 200).

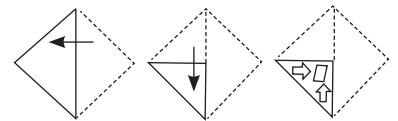
- (a) (31, 10, 48) (b) (21, 11, 11)
(c) (80, 90, 6500) (d) (20, 10, 200)

11. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

3125 : 25 :: 1600 : 20 :: 675 : ?.

- (a) 18 (b) 10
(c) 15 (d) 20

12. A paper is folded and cut as shown below. How will it appear when unfolded?



- (a)

↓ ↓
⇔ □ □ ⇔
↑ ↑

 (b)

↓ ↓
⇔ □ □ ⇔
↑ ↑
- (c)

↑ ↓
⇔ □ □ ⇔
↑ ↓

 (d)

↑ ↓
⇔ □ □ ⇔
↑ ↓

13. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

BUP_ESH_UPL_SHB_PLES_BU_ LE_H.

- (a) LBEHUSP
(b) LBEUHPS
(c) LBEUPSH
(d) LBEPUSH

14. Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words. (The words must be considered as meaningful English

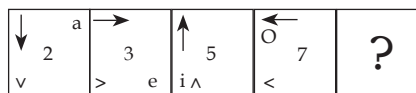
1. Which of the following interchanges of signs would make the given equation correct?

$$162 \div 3 + 5 \times 6 - 2 = 274$$

- (a) + and - (b) \div and \times
 (c) - and \div (d) + and \times
2. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- (a) Q Y 5 e N 2 e Y
 (b) Q Y 5 e 2 e N Y
 (c) Q Y 5 e 2 N e Y
 (d) Q 2 Y e 2 N e Y
3. Select the figure from among the given options that can replace the question mark (?) in the following series.



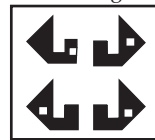
- (a) (b)
- (c) (d)

4. Select the set in which the numbers are related in the same way as are the numbers of the given sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (12, 5, 29)
 (19, 12, 50)
 (a) (8, 15, 21) (b) (16, 12, 34)
 (c) (15, 14, 44) (d) (17, 11, 55)

5. Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



- (a) (b)
 (c) (d)

6. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$16 : 144 :: 22 : ? :: 14 : 112$$

- (a) 244 (b) 246
 (c) 264 (d) 266

7. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Canvas
2. Candidly
3. Canteen
4. Canopy
5. Cannibal
6. Cancer.

- (a) 6, 5, 2, 4, 3, 1 (b) 6, 2, 5, 4, 3, 1
 (c) 6, 2, 5, 3, 4, 1 (d) 5, 2, 6, 4, 1, 3

8. Select the Venn diagram that best represents the relationship between the following classes. Insects, Animals, Poisonous.

- (a)
 (b)
 (c)
 (d)

9. Sonal's brother's paternal grandmother, named Seeta, is coming to Sonal's party with her only son. How is Seeta's son related to Sonal?

- (a) Father
 (b) Paternal grandfather
 (c) Son
 (d) Brother

10. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

ST_FIR_STNF_ RGSTN_IRG_ _NFI_G.

- (a) NGSFTR (b) NGFISRT
 (c) NGIFSTR (d) NGISFRT

11. In a certain code language, 'STRAIGHT' is written as 'UVTCUIHJ', 'SURVIVAL' is written as 'UWTXMBWJ'. How will 'TAKEOVER' be written in that language?

- (a) VCMGSHXP
 (b) VCMHSGWP
 (c) VCMGSFWP
 (d) VCMGTFVP

12. In a certain code language, 'WINTER' is coded as XJXQKX and 'AUTUMN' is coded as TRYWWB. How will 'SEASON' be coded in the same language?

- (a) RTXCTT (b) TRXCGT
 (c) TGDWTT (d) TTWDGT

1. In a certain code language, 'MOBILE' is coded as BJFZLK and 'TABLET' is coded as QCIZXR. How will 'KINDLE' be coded in the same language?

- (a) BJALFI (b) BJBKFI
(c) CIBKGC (d) CJBLGI

2. Which letter-cluster will replace the question mark (?) to complete the given series?

BAWP, ?, DWCH, EUFD, FSIZ.

- (a) CYZL (b) CZYL
(c) CLZY (d) CYZH

3. Which two signs and two numbers should be interchanged to make the following equation correct?

$$840 \div 38 - 7 + 10 \times 12 = 462.$$

- (a) 12 and 10, ÷ and +
(b) 12 and 38, × and -
(c) 12 and 7, + and ×
(d) 840 and 10, + and -

4. Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Typographical
2. Typologically
3. Typifications
4. Typicalness
5. Tyrannosaurus.

- (a) 4, 3, 1, 2, 5 (b) 5, 2, 1, 3, 4
(c) 2, 3, 5, 1, 4 (d) 2, 3, 5, 4, 1

5. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

NML_JN_LJJ_MLJ_NM_JJ.

- (a) JMNJL (b) JNLMJ
(c) MNLJM (d) MNJLN

6. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

$$9 * 16 * 64 * 8 * 2 * 9.$$

- (a) ÷, +, ×, -, = (b) -, ÷, +, ×, =
(c) +, ÷, ×, -, = (d) ÷, -, +, ×, =

7. A family got split and the children of R were left with R's maternal grandfather's only granddaughter's

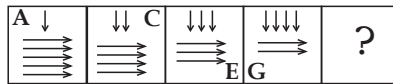
father. How is the person with whom the children are left with related to R?

- (a) R's son
(b) R's paternal grandfather
(c) R's maternal grandfather
(d) R's father

8. In a certain code language, 'BENT' is coded as '3198' and 'DEBT' is coded as '8316'. What is the code for 'N' in the given code language?

- (a) 1 (b) 9
(c) 3 (d) 8

9. Select the figure that will come in place of the question mark(?) in the following. Figure series.



- (a) (b)
(c) (d)

10. Select the set in which the numbers are related in the same way as are the numbers of the given set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. E.g. 13 - Operations on 13 such as adding / Subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (25, 150, 3) (18, 180, 5).
(a) (13, 39, 3) (b) (101, 408, 2)
(c) (52, 728, 7) (d) (61, 601, 5)

11. If 31 January 2009 was a Saturday, then what was the day of the week on 30 January 2013?

- (a) Tuesday (b) Wednesday
(c) Monday (d) Friday

12. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

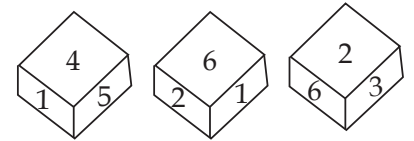
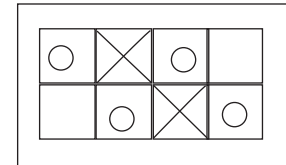


Figure 1 Figure 2 Figure 3

- (a) 5 (b) 6
(c) 2 (d) 3

13. Select the option figure which is embedded in the given figure (rotation is NOT allowed).



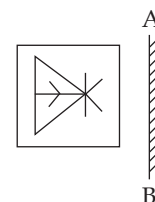
- (a) (b)
(c) (d)

14. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$7 : 35 :: 21 : 399 :: 4 : ?.$$

- (a) 24 (b) 20
(c) 8 (d) 12

15. Select the correct mirror image of the given figure when the mirror is placed at AB.



SSC-CGL

Combined Graduate Level PYQ Solved Paper

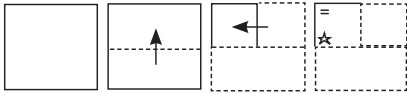
Held On 25/7/2023, Shift 2

1. Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.

$$169 : 14 :: ? : 16 :: 289 : 18.$$

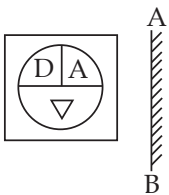
- (a) 205 (b) 230
(c) 225 (d) 125

2. A paper is folded and cut as shown below. How will it appear when unfolded?



- (a) (b)
(c) (d)

3. Select the correct mirror image of the given figure when the mirror is placed at AB.



- (a) (b)
(c) (d)

4. Pointing to a woman, Suman (a woman) said, "She is the grandmother of my father-in-law's wife's son." How is the woman related to Suman?

- (a) Mother
(b) Husband's grandmother
(c) Daughter
(d) Mother-in-law

5. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

$$\text{MAP} : \text{NZK} :: \text{HOZ} : \text{SLA} :: \text{WQK} : ?$$

- (a) DJP (b) DIP
(c) CIP (d) CJP

6. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- Cartoon
- Carrier
- Carrying
- Carousel
- Carnival
- Carriage.

- (a) 5, 4, 2, 6, 3, 1
(b) 5, 4, 6, 3, 2, 1
(c) 5, 1, 4, 6, 2, 3
(d) 5, 4, 6, 2, 3, 1

7. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

- (6, 1, 18)
(5, 4, 60)
(6, 2, ?)

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

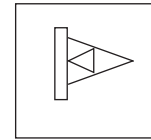
- (a) 36 (b) 32
(c) 40 (d) 24

8. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

$$18 * 3 * 12 * 9 * 3 * 111.$$

- (a) $\div, +, \times, -, =$
(b) $\times, +, \div, -, =$
(c) $\times, -, \times, +, =$
(d) $\times, +, \times, -, =$

9. Select the correct mirror image of the figure when the mirror is placed at the right side of the figure.



- (a) (b)
(c) (d)

10. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.

- (a) 2 : 9 (b) 6 : 21
(c) 10 : 33 (d) 8 : 29

11. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- Some teachers are scientists.
All scientists are doctors.
All doctors are engineers.

Conclusions:

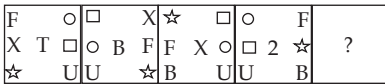
- I. Some doctors are teachers.
II. Some engineers are teachers.
III. Some doctors are scientists.

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 25/7/2023, Shift 1

1. Select the figure that will replace the question mark (?) in the following figure series.

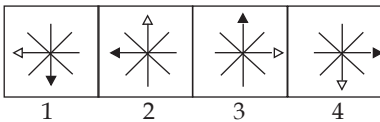


- (a) (b) (c) (d)

2. Which two signs and two numbers should be interchanged to make the following equation correct?

$$784 \div 6 \times 9 - 30 + 14 = 528$$

- (a) 14 and 6, + and -
(b) 784 and 30, + and ×
(c) 784 and 6, × and -
(d) 9 and 6, ÷ and +
3. Which of the given figures when placed in the 5th position would continue the series that is established by the first four figures?



- (a) (b) (c) (d)

4. Select the Venn diagram that best illustrates the relationship between the following classes.

Graduates, Educated, Unemployed

- (a) (b) (c) (d)

5. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Monorail 2. Monument
3. Monopoly 4. Monster
5. Monitor 6. Monsoon

- (a) 3, 1, 6, 4, 2, 5 (b) 5, 1, 3, 6, 4, 2
(c) 5, 3, 1, 4, 6, 2 (d) 5, 3, 1, 6, 4, 2

6. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

DISMAY : SIDYAM :: DRIVER : IRDREV :: SAFARI : ?

- (a) SAFIAR (b) IRAFAS
(c) FASIRA (d) FSAIRA

7. Looking at the family picture, Rajan said, "She is my wife's son's father's mother's husband's daughter." How is the girl in the photo related to Rajan?

- (a) Sister
(b) Mother-in-law
(c) Wife's Sister
(d) Daughter-in-law

8. Select the correct mirror image of the given figure when the mirror is placed at PQ as shown below.



- (a) $\Sigma \Delta B C M B$ (b) $\Gamma M B C V \Sigma$
(c) $\Gamma M B C V \Sigma$ (d) $\Gamma W B C V \Sigma$

9. Three Statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All pens are newspapers.

Some newspapers are novels.

No novel is a book.

Conclusions:

I. Some books are pens.

II. Some novels are pens.

III. No book is a pen.

- (a) Either conclusion I or III follows.
(b) Both conclusions II and III follow.
(c) Either conclusion II or III follows.
(d) Both conclusions I and II follow.

10. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / Subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(9, 20, 31)

(38, 49, 60)

(a) (63, 60, 65) (b) (15, 20, 31)

(c) (25, 69, 45) (d) (14, 24, 34)

11. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

(7, 150, 23)

(11, 75, 4)

(a) (4, 108, 16) (b) (8, 90, 11)

(c) (9, 80, 11) (d) (15, 140, 13)

12. In a certain code language, 'RAT' is coded as '39' and 'MICE' is coded as '30'. How will 'ZEBRA' be coded in that language?

(a) 53

(b) 52

(c) 51

(d) 50

13. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(a) ONL

(b) RQO

(c) HGE

(d) DCB

14. Which letter-cluster will replace the question mark (?) to complete the given series?

BZVR, DXWQ, ?, HTYO, JRZN

(a) FXPV (b) FXPN

(c) FVXP (d) FVPX

15. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

Z Y R _ Z _ R R Z Y _ R _ Y R _

(a) R Y R Z R (b) Z R Y Z R

(c) R Z R Y Z (d) Z R R Y Z

1. Which of the following terms will replace the question mark (?) in the given series?

XGR, TKN, POJ, LSF, ?, DAX

- (a) HVB (b) HWB
(c) GWB (d) HWA
2. Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(15, 28, 41)
(19, 32, 45)

(a) (16, 28, 43) (b) (12, 25, 36)
(c) (24, 38, 55) (d) (22, 35, 48)

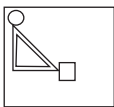
3. A % B means 'A is the daughter of B'
A = B means 'A is the sister of B'
A \$ B means 'A is the father of B'
If E = F = G \$ H = I, then how is G related to E?

(a) Brother
(b) Son's son
(c) Son's daughter
(d) Father

4. In a certain code language, "PRECIOUS" is written as "UOICERPS" and "FLAGRANT" is written as "NARGALFT". How will "CHILDISH" be written in that language?

(a) HCSIDLIH (b) SIDLIHCH
(c) SCHILDIH (d) HSIDLIHC

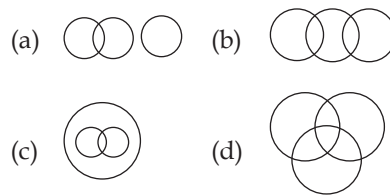
5. Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



- (a) (b)
(c) (d)

6. Select the Venn diagram that best illustrates the relationship between the following classes.

Mobile, Book, Digital device



7. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(6, 8, 11)
(2, 1, 2)
(6, 7, ?)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(a) 12 (b) 10
(c) 4 (d) 13

8. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

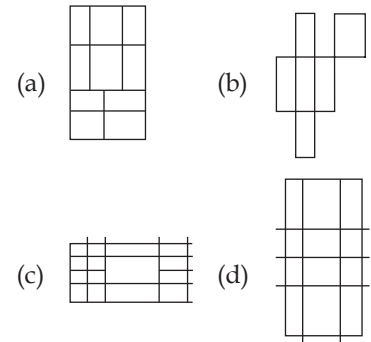
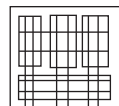
Shovel : Scoop

(a) Spanner : Grip
(b) Lever : Cut
(c) Chisel : Grip
(d) Hammer : Iron

9. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(a) FGJP (b) ABEJ
(c) TUXC (d) VWZE

10. Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).



11. Which two signs and numbers need to be interchanged to make the following equation correct?

$$(31 \times 3) - (27 \times 4) + (81 \div 9) = 126$$

(a) 27 and 81, + and -
(b) 31 and 27, + and -
(c) 3 and 4, ÷ and +
(d) 27 and 9, + and -

12. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.

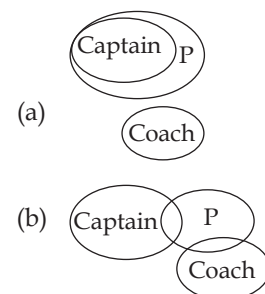
(a) 16 : 2 (b) 100 : 5
(c) 36 : 3 (d) 186 : 7

13. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Absurdly 2. Abstriction
3. Abstract 4. Absolutely
5. Abstain 6. Absorber

(a) 6, 4, 3, 5, 2, 1 (b) 4, 6, 3, 5, 1, 2
(c) 6, 4, 5, 3, 2, 1 (d) 4, 6, 5, 3, 2, 1

14. Select the Venn diagram that best illustrates the relationship between the following classes.
Player, Captain, Coach



SSC-CGL

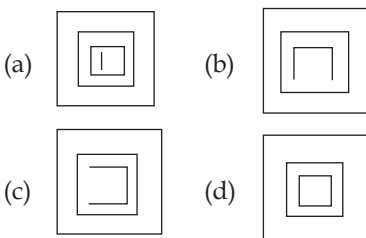
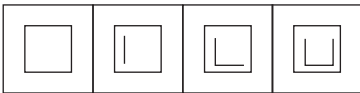
Combined Graduate Level

PYQ Solved Paper

Held On 24/7/2023, Shift 3

1. Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?
 (a) 11 : 21 : 121 (b) 2 : 3 : 4
 (c) 7 : 15 : 49 (d) 9 : 17 : 81

2. Select the figure from among the given options that can replace the question mark (?) in the following series.



3. The fifteenth day of the month of June is a Saturday. What will be the that last day of the next month which has 31 days?
 (a) Tuesday (b) Monday
 (c) Friday (d) Wednesday

4. Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Elite 2. Elude
 3. Elapsed 4. Elapsed
 5. Elaborate

- (a) 3, 4, 1, 5, 2 (b) 3, 5, 1, 4, 2
 (c) 4, 3, 5, 1, 2 (d) 3, 5, 2, 4, 1

5. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

Portugal : Lisbon

- (a) Mozambique : Matola
 (b) Turkey : Istanbul
 (c) New Zealand : Canberra
 (d) Italy : Rome

6. Select the correct combination of mathematical signs to sequentially replace the @ signs and to balance the given equation.

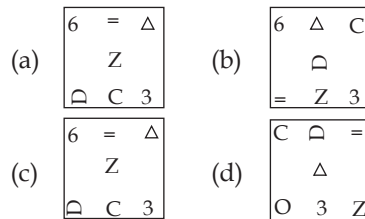
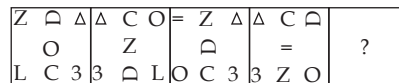
$$72 @ 9 @ 3 @ 6 @ 6 @ 6 @ 6$$

- (a) ÷, ×, +, =, -, +
 (b) ÷, ×, +, =, ×, -
 (c) ×, ÷, =, -, +, ×
 (d) +, ×, =, -, ÷, +

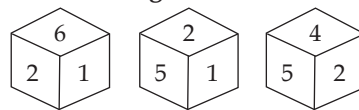
7. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
 14 : 54 :: 21 : 82 : 5 : ?

- (a) 24 (b) 19
 (c) 15 (d) 18

8. Select the figure that will replace the question mark (?) in the following figure series.



9. Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '3'.



- figure 1 figure 2 figure 3
 (a) 4 (b) 2
 (c) 6 (d) 5

10. Which of the following numbers will replace the question mark (?) in the given series?

$$18, 20, 22, 27, 32, 39, ?$$

- (a) 47 (b) 42
 (c) 46 (d) 45

11. Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

FGH_Y_G_UYF_H_YFG_W_

- (a) UFHGVYIY (b) TGHGVHY
 (c) TFHGVHY (d) UGHGVHY

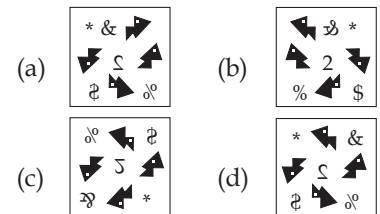
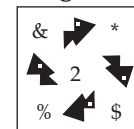
12. Select the set in which the numbers are related in the same way as are the numbers of the following sets:

(4, 16, 8)
 (2, 14, 9)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

- (a) (2, 8, 10) (b) (2, 8, 6)
 (c) (2, 8, 16) (d) (2, 8, 1)

13. Select the correct mirror image from the following options, when the mirror is placed on the right side of the given figure.



14. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some boats are ships.

All ships are yachts.

All yachts are barges.

Conclusions:

I. Some barges are ships.

II. Some barges are boats.

III. Some yachts are boats.

- (a) Only conclusions II and III follow
 (b) Only conclusions I and III follow
 (c) All conclusions follow
 (d) Only conclusions I and II follow

15. In a certain code language, 'LIFETIME' is written as 'FGJMFNJU' and 'INTEGRAL' is written as 'FUOJMBSH'. How will 'INTEREST' be written in that language?

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 24/7/2023, Shift 2

1. Which two signs should be interchanged to make the given equation correct?

$$17 + 10 \times 5 \div 9 + 18 = 53$$

- (a) + and \div (b) + and \times
(c) + and - (d) \times and \div

2. Select the figure that will replace the question mark (?) in the following figure series.

BO 3 S	U A O B	A Z B	S \uparrow Z A	
\square A X \uparrow	\uparrow Z 3 \square	U \uparrow O 3	3 L B U	?
U Z = L	L = X S	S L = X	X = O \square	

- (a)

\uparrow L B Z
S 3 U A
= O \square X

 (b)

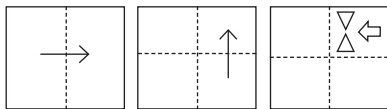
\uparrow L A U
S 3 Z B
\square X = O
- (c)

3 S B Z
L \uparrow U A
\square X = O

 (d)

X L \uparrow S
U = Z 3
\square O B A

3. A paper is folded and cut as shown below. How will it appear when unfolded?



- (a)

\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow

 (b)

\leftarrow	\triangle	\leftarrow
\leftarrow	\triangle	\leftarrow
\leftarrow	\triangle	\leftarrow
- (c)

\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow

 (d)

\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow
\rightarrow	\triangle	\rightarrow

4. Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



- (a)

\bullet	\bullet
\bullet	\bullet

 (b)

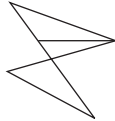
\bullet	\bullet
\bullet	\bullet
- (c)

\bullet	\bullet
\bullet	\bullet

 (d)

\bullet	\bullet
\bullet	\bullet

5. Select the option figure in which the given figure is embedded. (Rotation is NOT allowed.)



- (a) (b)
- (c) (d)

6. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(71, 114, 157)

(36, 79, 122)

- (a) (52, 95, 137) (b) (25, 68, 111)
(c) (16, 56, 98) (d) (5, 45, 88)

7. Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Casual 2. Camera
3. Caught 4. Called
5. Cabinet

- (a) 5, 4, 2, 1, 3 (b) 5, 4, 2, 3, 1
(c) 5, 3, 4, 1, 2 (d) 5, 4, 1, 2, 3

8. Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

All peacocks are pigeons.

Some pigeons are pinks.

Some pinks are birds.

Conclusions:

(I) Some pinks are peacocks.

(II) Some birds are pigeons.

(III) Some peacocks are birds.

- (a) None of the conclusion follow
(b) Either conclusion I or conclusion III follows
(c) Only conclusion II follows
(d) Only conclusion I follows

9. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

5 : 140 :: 8 : 536 :: 6 : ?

- (a) 243 (b) 233
(c) 234 (d) 244

10. Pointing to a woman, Param (a man) said, "She is the mother-in-law of the mother-in-law of the daughter-in-law of my father." How is Param related to the woman?

- (a) Father (b) Brother
(c) Grandson (d) Son

11. Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All birds are ducks.

Some ducks are crows.

All crows are parrots.

Conclusions:

I. Some parrots are birds.

II. Some parrots are ducks.

III. Some crows are birds.

IV. All parrots are birds.

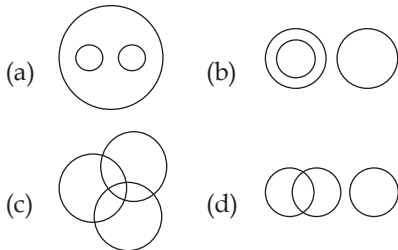
- (a) Only conclusions I and IV follow
(b) Only conclusion II follows
(c) Only conclusions I, II and IV follow
(d) Only conclusions II and III follow

1. In a certain code language, 'CERTAIN' is written as 'ECTRCGP', 'DIGITAL' is written as 'FGIGVYN'. How will 'FACTORY' be written in that language?

- (a) HYERQPA (b) HCEVQTA
(c) HYPERPA (d) HYERRPA

2. Select the Venn diagram that best illustrates the relationship between the following classes.

Sports, Badminton, Hockey



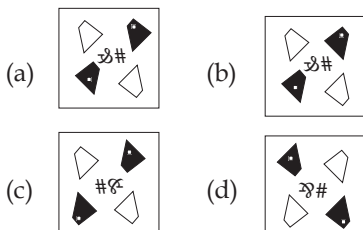
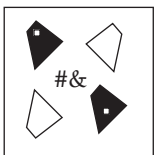
3. Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

FIR_DF__EDF_T_DFI_E__

- (a) EISIEUD (b) EISIEUE
(c) EGSJEUE (d) EHSIEUD

4. Which of the answer figures in the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



5. If '+' means 'subtraction', '-' means multiplication, '÷' means 'addition' and '×' means 'division', then what is the value of the following expression?

$$14 - 19 + 240 \times 16 \div 61$$

- (a) 284 (b) 312
(c) 247 (d) 329

6. Study the given pattern carefully and select the number that can replace the question mark (?) in it. (2, 2, 4) (1, 6, 6) (7, 2, ?)

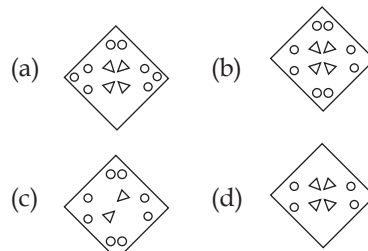
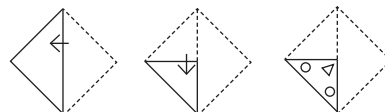
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (a) 14 (b) 2
(c) 7 (d) 12

7. 'Poor' is related to 'Destitute' in the same way as 'Rich' is related to '___'.

- (a) Powerful (b) Affluent
(c) Meagre (d) Strong

8. A paper is folded and cut as shown below. How will it appear when unfolded?



9. Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements :

All bottles are containers.

Some containers are buckets

All buckets are soaps.

Conclusions :

I. Some soaps are bottles.

II. Some buckets are bottles.

III. Some soaps are containers.

(a) Only conclusion I follows.

(b) All conclusions follow.

(c) Only conclusion II follows.

(d) Only conclusion III follows.

10. In a family of three, P is A's father and K is the paternal grandfather of A. How is K related to P?

- (a) Mother (b) Grandson
(c) Son (d) Father

11. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$29 : 111 :: 72 : ? :: 36 : 139$$

- (a) 283 (b) 231
(c) 213 (d) 238

12. Which two numbers and two signs should be interchanged in the following equation to make it correct?

$$3 - 17 + 3 + 16 \times 8 = 60$$

(a) 17 and 8, - and ×

(b) 3 and 17, - and ×

(c) 3 and 16, - and ×

(d) 17 and 16, - and ×

13. Which of the following letter-clusters will replace the question mark (?) in the given series?

QZAE, RYCG, SXEI, ? UVIM

(a) TWHK (b) SWGL

(c) TWGK (d) SWGK

14. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

LEAP : PALE :: FJUL : LUFJ :: EGIB : ?

(a) GEBI (b) BIEG

(c) IBEG (d) BEIG

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 21/7/2023, Shift 4

1. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

XPF : DLV :: VAN : FAN :: ERY : ?

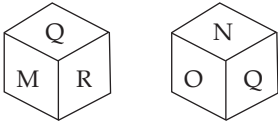
- (a) VIC (b) WJC
(c) VJC (d) WIC

2. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GOOD: IMQB :: CARE : EYTC :: SAVE : ?

- (a) QCTG (b) UXXC
(c) UYXC (d) UYTG

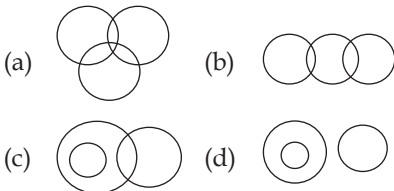
3. Six letters M, N, O, P, Q and R are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the letter on the face opposite to a vowel



- (a) M (b) N
(c) P (d) R

4. Select the Venn diagram that best represents the relationship between the following classes.

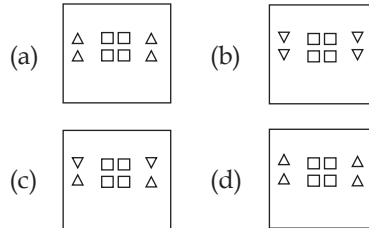
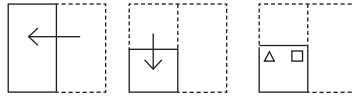
Woman, Humans, Lions



5. In a certain code language, "FABRIC" is written as "GZCQJB" and "BITTER" is written as "CHUSFQ". How will "ANIMAL" be written in that language?

- (a) CNJMCL (b) CMIMBJ
(c) ANINCL (d) BMJLBK

6. A paper is folded and cut as shown below. How will it appear when unfolded?



7. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

$25 * 82 * 12 * 6 * 8 * 91$

- (a) -, ×, +, ÷, = (b) ÷, +, -, ×, =
(c) +, -, ÷, ×, = (d) ×, +, ÷, -, =

8. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

YO _ LECT _ OPL _ C _ YOP _ _
CTYOPLE _ T

- (a) PEYTELC (b) PYETLEC
(c) PYECTLE (d) PEYTLCE

9. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(34, 12, 10)

(56, 17, 22)

- (a) (56, 19, 8) (b) (46, 19, 8)
(c) (46, 19, 18) (d) (46, 49, 8)

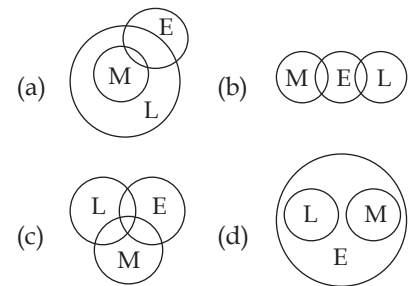
10. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Deficient 2. Derived
3. Designed 4. Destined
5. Destination

- (a) 1, 2, 3, 5, 4 (b) 1, 2, 4, 3, 5
(c) 1, 2, 5, 3, 4 (d) 1, 3, 2, 5, 4

11. Select the Venn diagram that best illustrates the relationship between the following classes.

Laptops, Electronics, Microwave ovens



12. The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one Find that odd number pair

- (a) (2, 24) (b) (4, 320)
(c) (5, 430) (d) (3, 108)

13. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/ Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(36, 24, 65)

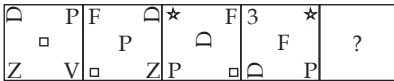
(40, 54, 19)

- (a) (10, 21, 321) (b) (20, 18, 16)
(c) (13, 8, 98) (d) (30, 14, 56)

14. Looking at the family picture, Amit said, "He is my wife's father's son's only sister's father-in-law." How is the person in the photo related to Amit?

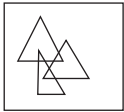
- (a) Father-in-law
(b) Wife's brother
(c) Father
(d) Son

1. Select the figure from the options that can replace the question mark (?) and complete the given pattern.



- (a) (b)
- (c) (d)

2. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



- (a) (b) (c) (d)

3. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- (a) HJNT (b) PRVB
(c) SUXZ (d) MOSY

4. 'A # B' means 'A is the brother of B'.
'A @ B' means 'A is the daughter of B'.
'A & B' means 'A is the husband of B'.
'A % B' means 'A is the wife of B'.
If D @ N @ H & Y @ F % V, then how is V related to H?

- (a) Father's father
(b) Son-in-law
(c) Wife's father
(d) Father

5. Which two signs and numbers need to be interchanged to make the following equation correct?

$$24 - (9 \div 12) + (84 \times 4) + 28 = 23$$

- (a) 24 and 28, - and \div
(b) 24 and 28, \times and \div
(c) 9 and 4, \div and \times
(d) 12 and 4, \div and \times

6. A % B means 'A is the daughter of B'
A \$ S means 'A is the son of B'
A * B means 'A is the sister of B'
If H % I \$ J \$ K * L, then how is H related to J?

- (a) Son
(b) Son's daughter
(c) Son's son
(d) Daughter

7. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(5, 7, 140)
(6, 4, 96)

- (a) (7, 3, 63) (b) (5, 14, 210)
(c) (9, 2, 72) (d) (6, 7, 126)

8. Select the set in which the numbers are related in the same way as are the numbers of the given set.

(Note: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, 45, 90)
(8, 24, 48)

- (a) (9, 27, 45) (b) (7, 21, 24)
(c) (6, 18, 36) (d) (12, 36, 68)

9. Which of the following numbers will replace the question mark (?) in the given series?

2, 6, ? 54, 162, 486

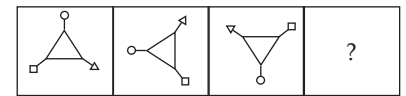
- (a) 16 (b) 20
(c) 18 (d) 24

10. Which of the following letter-cluster will replace the question mark (?) in the given series to make it logically complete?

WUS, QOM, KIG, ?

- (a) ACE (b) CAE
(c) ECA (d) EAC

11. Select the figure that will come next in the following figure series.



- (a) (b) (c) (d)

12. Select the option figure which is embedded in the given figure (rotation is NOT allowed).



- (a) (b) (c) (d)

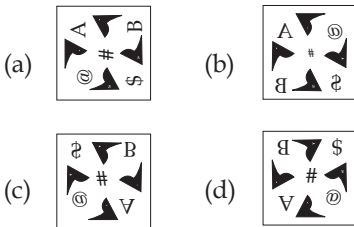
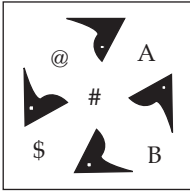
13. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

SSC-CGL

Combined Graduate Level PYQ Solved Paper

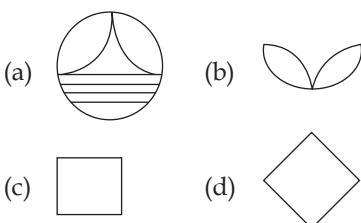
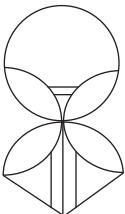
Held On 21/7/2023, Shift 2

1. Select the correct mirror image from the following options, when the mirror is placed on the right side of the given figure.



2. If
 $B \% D$ means 'B is the brother of D'.
 $B \& D$ means 'B is the mother of D'.
 $B \times D$ means 'B is the husband of D'.
 $B \# D$ means 'B is the sister of D'.
 $B \$ D$ means 'B is the son of D'.
 $B @ D$ means 'B is the father of D'.
 How is A related to E in the following expression?
 $A \% D \$ F \# B \% E \times S$
 (a) Husband
 (b) Nephew
 (c) Maternal Uncle
 (d) Brother

3. Select the option figure which is embedded in the given figure (rotation is NOT allowed.)



4. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair.

(a) (7, 89) (b) (8, 102)
 (c) (5, 60) (d) (6, 76)

5. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MOTHER : SGKXTS :: SIMPLE : FNSQNY :: DELIGHT : ?

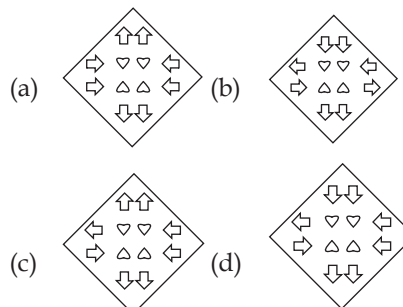
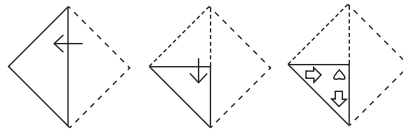
(a) UJJMQJJ (b) VJJMQKK
 (c) UJJMQKK (d) THGILED

6. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Phantom
 2. Photograph
 3. Philosophy
 4. Physical
 5. Pharynx
 6. Physics

(a) 5, 1, 3, 2, 4, 6 (b) 1, 5, 3, 2, 6, 4
 (c) 1, 5, 3, 2, 4, 6 (d) 5, 1, 3, 2, 6, 4

7. A paper is folded and cut as shown below. How will it appear when unfolded?



8. Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some trees are leaves.

Some leaves are flowers.

Some flowers are branches.

Conclusions:

I. Some trees are flowers.

II. Some leaves are branches.

III. Some branches are flowers.

IV. Some branches are leaves.

(a) Only conclusions II and III follow

(b) Only conclusions I and II follow

(c) Only conclusion III follows

(d) None of the conclusions follow

9. In a certain code language, 'BEAK' is coded as '4392' and 'RAKE' is coded as '9034'. What is the code for 'B' in the given code language?

(a) 3 (b) 2

(c) 4 (d) 9

10. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(5, 14, 3)

(3, 24, 7)

(9, 30, ?)

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(a) 7 (b) 5

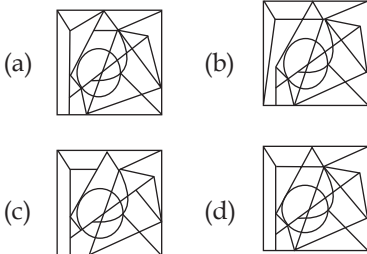
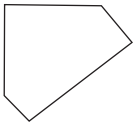
(c) 13 (d) 9

11. In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if

1. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Horse: Mare

- (a) Bull: Cow
(b) Duck: Chick
(c) Dog: Calf
(d) Butterfly: Larva
2. Select the option figure in which the given figure is embedded (rotations is NOT allowed).



3. The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

- (a) (8, 62) (b) (10, 100)
(c) (14, 194) (d) (12, 142)

4. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Calamity 2. Calcium
3. Calculus 4. Calmly
5. Calories 6. Calendar

- (a) 1, 2, 3, 4, 5, 6 (b) 1, 2, 3, 6, 4, 5
(c) 2, 3, 1, 6, 4, 5 (d) 1, 3, 2, 6, 4, 5

5. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '2'.

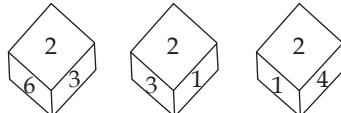


Figure 1 Figure 2 Figure 3

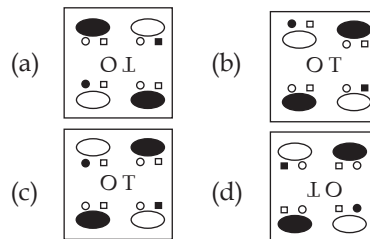
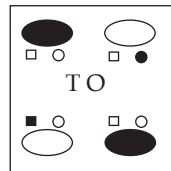
- (a) 4 (b) 3
(c) 6 (d) 5
6. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$6 : 136 :: 8 : ? :: 12 : 568$$

- (a) 248 (b) 284
(c) 244 (d) 288

7. Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



8. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$96 * 3 * 7 * 4 * 11 = 15$$

- (a) $\times + \div -$ (b) $\times \div - +$
(c) $\div + \times -$ (d) $\div - \times +$

9. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster

ADAMS : DASMA :: TOWER : OTREW :: RAINY : ?

- (a) ARYNI (b) YNIAR
(c) INYRA (d) AINYR

10. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(26, 62, 140)

(12, 39, 75)

- (a) (20, 38, 108) (b) (20, 48, 108)
(c) (50, 48, 108) (d) (20, 48, 98)

11. Which of the following letter-clusters will replace the question mark (?) in the given series?

EJCK, GMDO, IPES, ?, MVGA

- (a) KRFW (b) KTFW
(c) KSFV (d) KRFV

12. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(3, 5, 6)

(5, 12, 15)

(9, 4, ?)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (a) 13 (b) 9
(c) 11 (d) 7

13. Select the set in which the numbers are related in the same way as are the numbers of the given set.

1. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- (a) DJOS (b) BHMQ
(c) PTXA (d) HNSW

2. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding / Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(6, 14, 40)
(10, 14, 48)

- (a) (11, 5, 87) (b) (5, 9, 28)
(c) (5, 6, 45) (d) (10, 5, 91)

3. A# B means 'A is the father of B'
A @ B means 'A is the brother of B'
A & B means 'A is the son of B'
If H & I @ J # K @ L, then how is J related to L?

- (a) Brother (b) Father
(c) Son's son (d) Father's father

4. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(1000, 100, 10)
(38, 19, 2)

(NOTE : Operations should be performed on the whole number, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

- (a) (125, 25, 5) (b) (5, 5, 5)
(c) (3, 3, 9) (d) (16, 8, 4)

5. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is

related to the first letter-cluster and the fourth letter-cluster is related to the third letter cluster.

FRENCH : RFNEHC :: RESCUE :
ERCSEU :: ANIMAL : ?

- (a) INALAM (b) NAMILA
(c) NALAMI (d) NAMIAL

6. If '+' means 'multiplication', '-' means 'division', 'x' means 'subtraction' and '÷' means 'addition', then what is the value of the following expression?

$$26 + 342 - 19 \times 73 \div 14$$

- (a) 481 (b) 409
(c) 524 (d) 510

7. Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '2'.

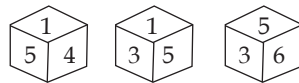
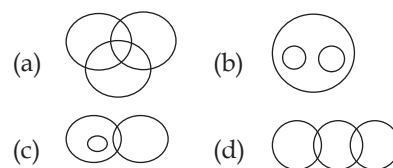


Figure 1 Figure 2 Figure 3

- (a) 3 (b) 1
(c) 4 (d) 5

8. Select the Venn diagram that best represents the relationship between the following classes.

Dolphins, Sharks, Sea creatures

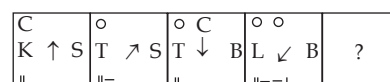


9. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$6 : 16 :: 10 : 28 :: 3 : ?$$

- (a) 12 (b) 14
(c) 6 (d) 7

10. Select the figure that will replace the question mark (?) in the following figure series.



11. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/ Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(300, 100, 100)
(88, 66, 11)

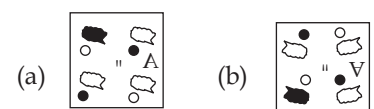
- (a) (60, 40, 20) (b) (44, 22, 11)
(c) (90, 50, 70) (d) (50, 4, 25)

12. Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?

- (a) 9 : 18 : 728 (b) 6 : 12 : 215
(c) 2 : 4 : 7 (d) 5 : 10 : 126

13. Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure :



1. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

$$32 : 8 :: 72 : 12 :: 128 : ?$$

- (a) 18 (b) 16
(c) 14 (d) 15

2. In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

All cricketers are wealthy.
Some wealthy are Indians.
All Indians are honest.

Conclusions:

I. All Indians are cricketers.
II. Some cricketers are honest.

- (a) Only conclusion II follows.
(b) Only conclusion I follows.
(c) Neither conclusions I nor II follows.
(d) Both conclusions I and II follow.
3. If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression?

$$23 - 31 + 135 \times 15 \div 16$$

- (a) 698 (b) 794
(c) 680 (d) 720

4. P, M, Z, A and L are part of a five-member family and all except L are females. Z and L are in a marital relationship and P, M and A are their children. How is M related to Z?

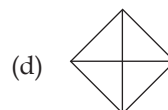
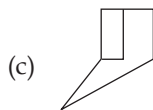
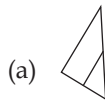
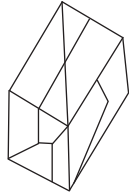
- (a) Granddaughter
(b) Wife
(c) Mother
(d) Daughter

5. Which number should replace the question mark (?) in the following number series?

$$5475, 1100, 225, 50, ?, 8, 6.6$$

- (a) 30 (b) 15
(c) 20 (d) 25

6. Select the option figure which is embedded in the given figure (rotation is NOT allowed).



7. In a certain code language, 'BACKED' is coded as 'GHNFD E' and 'CLOSER' is coded as 'UHVROF'. How will 'JUNIOR' be coded in the same language?

- (a) VSNRYN (b) TRMQYM
(c) USMRYN (d) URLQXM

8. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

$$(4, 2, 18)$$

$$(1, 7, 24)$$

$$(5, 4, ?)$$

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

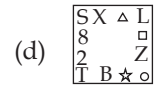
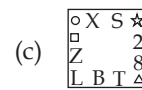
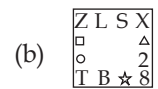
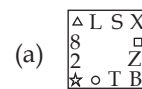
- (a) 19 (b) 27
(c) 18 (d) 24

9. Select the correct combination of mathematical signs to sequentially replace the * signs and the balance the given equation.

$$16 * 31 * 18 * 2 * 11 * 494$$

- (a) -, ×, +, ÷, =
(b) ÷, +, -, ×, =
(c) +, -, ÷, ×, =
(d) ×, +, ÷, -, =

10. Select the figure that will replace the question mark (?) in the following figure series.

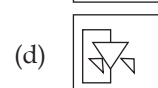
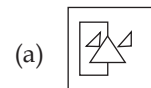
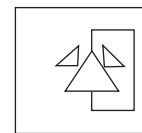


11. Select the number from among the given options that can replace the question mark (?) in the following series.

$$17, 24, 38, 59, 87, ?$$

- (a) 122 (b) 137
(c) 117 (d) 109

12. Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



13. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Penguins
2. Pendants
3. Penthouse
4. Pendulum
5. Pentagon
6. Penalize

- (a) 6, 2, 4, 1, 3, 5
(b) 6, 2, 4, 1, 5, 3
(c) 6, 4, 2, 1, 5, 3
(d) 4, 2, 6, 1, 3, 5

14. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

1. In a certain code language, 'QUANTITY' is written as 'TPMZHSXS', 'RELIABLE' is written as 'DQHKAZDK'. How will 'SAMPLING' be written in that language?

- (a) ZROLHLGM
(b) ZROLHJEL
(c) ZROLHKFM
(d) ZROLHKFN

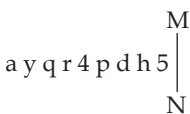
2. Each vowel in the word "FRETSAW" is changed to the following letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. In the newly formed word, how many alphabets are there in the English alphabetical series between the alphabet which is 3rd from the right and 1st from the right?

- (a) Three (b) Four
(c) One (d) Two

3. Looking at a picture of a girl Samuel said, "She is the sister of my maternal uncle's son." How is the girl in the picture related to Samuel?

- (a) Daughter-in-law
(b) Brother's wife
(c) Sister's daughter
(d) Mother's brother's daughter

4. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- (a) ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ
(b) ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ
(c) ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ
(d) ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ ɹ

5. Which of the following numbers will replace the question mark (?) in the given series?

11, ?, 29, 53, 101, 197

- (a) 19 (b) 13
(c) 21 (d) 17

6. Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.

P _ G I O _ D _ I O R D G _ O _ D G I O

- (a) G Q D S I (b) D Q G I S
(c) Q G D I S (d) S I D G Q

7. Select the figure from among the given options that can replace the question mark (?) in the following series.



- (a) (b)
(c) (d)

8. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

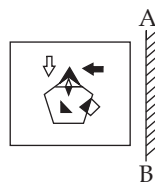
- (a) CXG (b) IRM
(c) BYF (d) GUK

9. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

4 : 25 :: 12 : 73 :: 7 : ?

- (a) 48 (b) 39
(c) 43 (d) 52

10. Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



- (a) (b)
(c) (d)

11. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All leathers are shoes.
Some bags are shoes.
Some bags are papers.

Conclusions :

I. Some papers are leathers.
II. Some shoes are leathers.
III. Some shoes are papers.

- (a) Only conclusion II follows
(b) Only conclusion I follows
(c) Only conclusion III follows
(d) All conclusions follow

12. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements :

Some hills are mountains
Some hills are valleys.
All valleys are rivers.

Conclusions:

I. Some rivers are valleys.
II. Some mountains are valleys.
III. Some hills are rivers

- (a) Only conclusions I and III follow
(b) Only conclusions II and III follow
(c) Only conclusions I and II follow
(d) Only conclusion I follows

13. Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Film : Director

- (a) Pages : Books
(b) Doctor : Nurse
(c) Dance : Choreographer
(d) Degree : Engineer

14. In a certain code language, "ABUSE" is written as "DEXVH" and "CANDY" is written as "FDQGB". How will "DESERT" be written in that language?

- (a) HIWIVX (b) IJXJWY
(c) GHVHUW (d) HJWJWX

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 20/7/2023, Shift 1

1. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '6'.

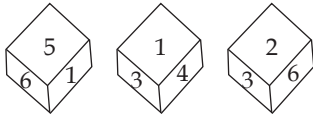
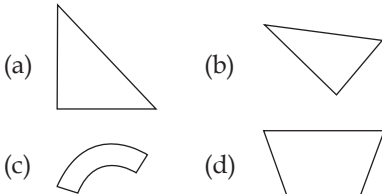
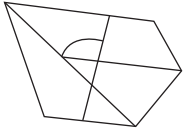


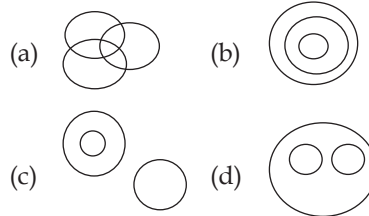
Figure 1 Figure 2 Figure 3

- (a) 1 (b) 4
(c) 3 (d) 2
2. Which of the following numbers will replace the question mark (?) in the given series?
18, 23, ?, 41, 54, 71
- (a) 29 (b) 30
(c) 32 (d) 34
3. Select the option figure which is embedded in the given figure (rotation is NOT allowed).



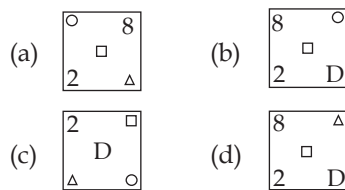
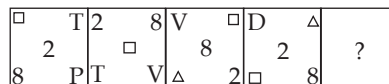
4. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
RAT : IZG :: YUM : BFN :: SIP : ?
- (a) GJK (b) GRK
(c) HRK (d) HJK
5. In a certain code language, 'BARBIE' is written as '222', 'ELSA' is written as '148'. How will 'ARIEL' be written in that language?
- (a) 325 (b) 225
(c) 420 (d) 125

6. Select the Venn diagram that best illustrates the relationship between the following classes.
Cricket, Athlete, Sport

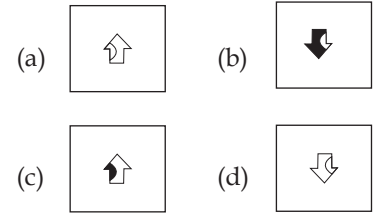


7. Which of the following interchanges of signs would make the given equation correct?
 $173 \div 169 + 13 \times 5 - 13 = 225$
- (a) + and - (b) \div and -
(c) \div and + (d) - and \times
8. The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.
- (a) 80 : 9 (b) 142 : 12
(c) 23 : 5 (d) 7 : 3
9. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
DELIGHT : UJJMQKK : PLIGHT : UJJMQV :: CREATE : ?
- (a) FUBFSD (b) ETAERC
(c) FVDIRC (d) FVDIWI

10. Select the figure that will replace the question mark (?) in the following figure series.



11. Select the figure that will come next in the following figure series.



12. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Dissolve
2. Display
3. Distance
4. Disturb
5. Displace
6. Dispute
- (a) 6, 5, 2, 1, 3, 4 (b) 5, 6, 2, 1, 3, 4
(c) 5, 2, 6, 1, 3, 4 (d) 5, 2, 6, 1, 4, 3
13. 'A + B' means 'A is the son of B'.
'A - B' means 'A is the wife of B'.
'A × B' means 'A is the father of B'.
'A ÷ B' means 'A is the sister of B'.
If A + P - Q × R - S, then which of the following statements is NOT correct?
- (a) A is the brother of wife of S.
(b) P is the mother of A.
(c) Q is the father of A.
(d) A is the son of S.
14. Select the set in which the numbers are related in the same way as are the number of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(12, 4, 64)
(8, 6, 14)
- (a) (7, 3, 28) (b) (10, 6, 42)
(c) (11, 9, 15) (d) (9, 5, 28)
15. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

SSC-CGL

Combined Graduate Level PYQ Solved Paper

Held On 19/7/2023, Shift 4

1. In a certain code language, "ENVOY" is written as "DMUNX" and "CHECK" is written as "BGDBJ". How will "ANGLE" be written in that language?

- (a) ZNDID (b) YLDJD
(c) YNEJC (d) ZMFKD

2. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

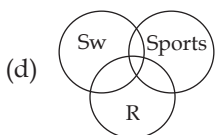
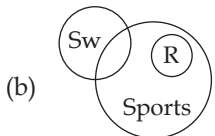
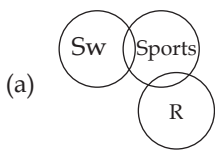
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding / Subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(194, 14, 4)
(527, 23, 5)

- (a) (63, 8, 3) (b) (2, 2, 2)
(c) (8, 3, 2) (d) (10, 6, 5)

3. Select the Venn diagram that best illustrates the relationship between the following classes.

Swimming, Running, Sports



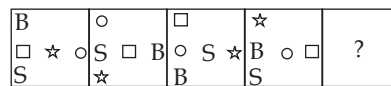
4. Select the option that is related to the third word in the same way as the second word is related to the first word.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Doctor : Hospital :: Lawyer : ?

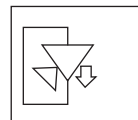
- (a) Court (b) Temple
(c) School (d) House

5. Select the figure that will replace the question mark (?) in the following figure series.



- (a)
- (b)
- (c)
- (d)

6. Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



- (a)
- (b)
- (c)
- (d)

7. In a certain code language, 'TURNIP' is coded as VNRUWU and 'DAIKON' is coded as TTOLCE. How will 'RADISH' be coded in the same language?

- (a) NXMGCS (b) NXNHCS
(c) MXNHCS (d) CYMGDP

8. The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

- (a) (125, 91) (b) (64, 61)
(c) (27, 37) (d) (8, 20)

9. Which of the following numbers will replace the question mark (?) in the given series?

15, 17, ? 33, 47, 65

- (a) 30 (b) 21
(c) 20 (d) 23

10. Rahul attended a competition, wherein his mother's paternal grandfather's only son's only granddaughter was fighting against the clock. How is the person in the competition related to Rahul?

- (a) Sister
(b) Maternal grandmother
(c) Mother (d) Daughter

11. Which of the following interchange of numbers and signs would make the given equation correct?

$24 \times 9 + 6 \div 24 - 18 = 22$

- (a) 18 and 22, + and -
(b) 24 and 6, \times and +
(c) 6 and 9, \div and +
(d) 6 and 18, \div and \times

12. Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '3'.

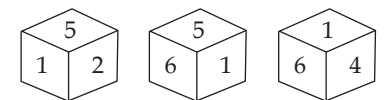


Figure 1 Figure 2 Figure 3

- (a) 1 (b) 6
(c) 5 (d) 4

13. Which of the following terms will replace the question mark (?) in the given series?

ALW, GEY, MXA, SQC, YJE, ?

- (a) ECG (b) DBI
(c) DCH (d) EBH

14. In a certain code language, 'GINGER' is coded as LZCKGF and 'GARLIC' is coded as WDHOYF. How will 'CLOVES' be coded in the same language?

- (a) NYQLJB (b) MZRLJB
(c) MZQLIB (d) NYYLJB

1. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(16, 4, 4)
(30, 5, 15)
(8, 2, ?)

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (a) 2 (b) 8
(c) 6 (d) 4
2. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

FIG : JCA :: SUN : MOH :: TEK : ?

(a) MYE (b) NXE
(c) NYE (d) NXF

3. Select the option that represents the letters that, when placed from left to right in the given blanks, will complete the letter series.

L K J I L _ C J L _ E J I L K G _ I

(a) AKIKJ (b) KAIJK
(c) KIJK A (d) AIJKK

4. Which of the following numbers will replace the question mark (?) in the given series?

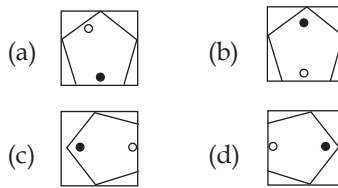
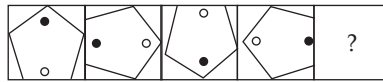
17, ?, 35, 53, 77, 107

(a) 25 (b) 21
(c) 23 (d) 28

5. 'A # B' means 'A is the brother of B'.
'A @ B' means 'A is the daughter of B'.
'A & B' means 'A is the husband of B'.
'A % B' means 'A is the wife of B'.
If D @ N @ H & Y @ F % V, then how is N related to F?

(a) Daughter's daughter
(b) Daughter
(c) Sister's daughter
(d) Son's wife

6. Select the figure from among the given options that can replace the question mark (?) in the following series.



7. Which letter-cluster will replace the question mark (?) to complete the given series?

WGNY, ZDQV, CATS, FXWP, ?

(a) IZMU (b) IMUZ
(c) IVZM (d) IUZM

8. A > B means 'A is the mother of B'
A ! B means 'A is the sister of B'
A = B means 'A is the father of B'
If M > N = O ! P ! Q, then how is M related to Q?

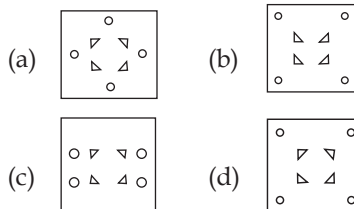
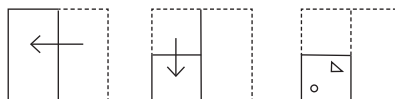
(a) Sister
(b) Father's mother
(c) Mother
(d) Father's father

9. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

15 : 270 :: 21 : ? :: 18 : 378

(a) 520 (b) 504
(c) 502 (d) 540

10. A paper is folded and cut as shown below. How will it appear when unfold?



11. Which of the following terms will replace the question mark (?) in the given series?

EGI, KMO, QSU, ?

(a) WYA (b) XAD
(c) XYZ (d) VWY

12. Three Statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All rice are wheat.

Some wheats are pulses.

No pulse is a vegetable.

Conclusions:

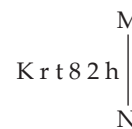
I. Some vegetables are rice.

II. Some pulses are rice.

III. Some vegetables are wheat.

(a) None of the conclusions follow
(b) Both conclusion I and II follow.
(c) Both conclusions II and III follow.
(d) All conclusions follow.

13. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



(a) h 2 8 t r K (b) h 2 8 t r K
(c) h 2 8 t r K (d) h 2 8 t r K

14. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All machines are factories.

Some factories are shops.

Some shops are houses.

1. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$243 : 9 :: 72 : 6 :: 576 : ?$$

- (a) 12 (b) 18
(c) 24 (d) 14
2. Which two numbers and two signs should be interchanged in the following equation to make it correct?

$$14 + 16 - 14 \times 9 \div 4 = 61$$

- (a) 16 and 14, + and \times
(b) 16 and 9, + and -
(c) 14 and 4, - and \div
(d) 14 and 9, + and \times

3. Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some cooks are poets.

All poets are priests.

Some priests are doctors.

Conclusions:

I. Some cooks are priests.

II. Some priests are cooks.

III. All doctors are priests.

IV. Some doctors are priests.

- (a) Only conclusions I, II and III follow
(b) None of the conclusions follow
(c) Only conclusions I, II and IV follow
(d) Only conclusions II, III and IV follow

4. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Cheetah 2. Chemical
3. Cheering 4. Cheese
5. Chestnut 6. Cheaper

- (a) 2, 3, 1, 4, 6, 5 (b) 6, 1, 3, 4, 2, 5
(c) 6, 3, 4, 1, 5, 2 (d) 6, 3, 4, 1, 2, 5

5. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$284 : 142 :: 568 : 284 :: 1136 : ?$$

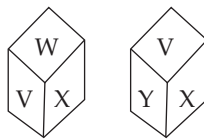
- (a) 568 (b) 567
(c) 566 (d) 569

6. Which two signs should be interchanged to make the given equation correct?

$$2 \times 236 - 2 + 36 \div 72 = 200$$

- (a) \div and - (b) - and +
(c) \times and + (d) + and \div

7. Two different positions of the same dice are shown, the six faces of which are marked with the letters U to Z. Select the letter that will be on the face opposite the face showing 'W'.



- (a) Y (b) V
(c) X (d) Z

8. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

Auger : Bore

- (a) Axe : Grind
(b) Plier : Carve
(c) Spanner : Dig
(d) Needle : Sew

9. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ADOPT : DAOTP :: FINAL : IFNLA :: HUMOR : ?

- (a) UOHMR (b) UHMRO
(c) UHOMR (d) UHMOR

10. Three Statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements :

Some sweets are chocolates.

All chocolates are cookies.

Some cookies are healthy.

Conclusions:

I. Some sweets are cookies.

II. Some cookies are chocolates.

III. Some chocolates are sweets.

(a) Both conclusions II and III follow.

(b) Both conclusions I and II follow.

(c) All conclusions follow.

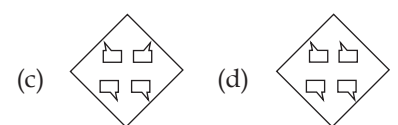
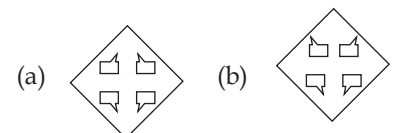
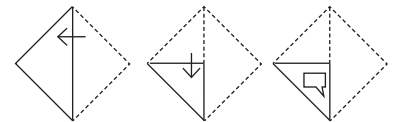
(d) Both conclusions I and III follow.

11. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CROWN : OYRVH :: TABLE : FNEEY :: UNREAL : ?

- (a) LAERNU (b) NDHVSA
(c) NCHUSB (d) MCHVSA

12. A paper is folded and cut as shown below. How will it appear when unfolded?



13. Select the option that represents the letters that, when placed from left to right in the following blanks will complete the letter-series.

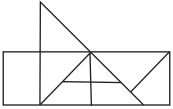
REU_TR__QTREW__RE__T

- (a) QEVQTXQ
(b) QFWQTXQ
(c) QEWQTYR
(d) QFVQTXR

14. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$15 : 52 :: 33 : ____ :: 22 : 73$$

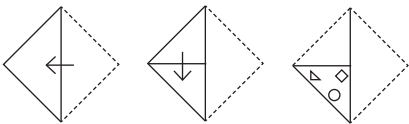
1. How many triangles are there in the given figure?



- (a) 11 (b) 13
(c) 10 (d) 12
2. Select the option in which the words share the same relationship as that shared by the given pair of words.

Horses : Neigh

- (a) Ducks : Quack
(b) Parrots : Bray
(c) Hares : Boom
(d) Pigs : Buzz
3. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- (a) (b)
(c) (d)

4. Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

(a) Intelligence (b) Weight
(c) Aptitude (d) Memory

5. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All polygons are angles.
All angles are diagonals.
All cones are cubes.
All cubes are decagons.
No diagonal is a cube.

Conclusions:

I. Some diagonals are polygons.
II. All diagonals are decagons.
III. No polygon is a cone.
IV. Some cubes are angles.

- (a) Both conclusions I and III follow
(b) Both conclusions I and II follow
(c) Only conclusion I follows
(d) Both conclusions II and IV follow

6. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$42 * 7 * 64 * 11 * 6 * 4$$

- (a) $\div, -, +, \times, =$ (b) $\times, +, -, \div, =$
(c) $\div, +, -, \times, =$ (d) $\times, -, +, \div, =$

7. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

- (a) 14 : 210 (b) 18 : 342
(c) 17 : 307 (d) 12 : 156

8. Select the number from among the given options that can replace the question mark (?) in the following series.

24, 35, 51, 73, 102, ?

- (a) 149 (b) 131
(c) 151 (d) 139

9. In a certain code language, 'AROUND' is coded as '52182412144' and 'FIX' is coded as '63624'. How will 'PLASTIC' be coded in that language?

- (a) 1612261920183
(b) 1612522021363
(c) 1812521920383
(d) 1612521920363

10. Select the option that is related to the third word in the same way as the second word is related to the first word.

Depression : Mood :: Insomnia : ?

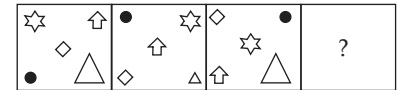
- (a) Sleep (b) Thinking
(c) Night (d) Dreams

11. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

L_UA_Z_N_AP_L_U_PZ

- (a) N, L, P, A, N, U, Z
(b) P, N, L, Z, U, A, N
(c) P, L, U, Z, N, A, N
(d) N, P, L, U, Z, N, A

12. Select the figure from among the given options that can replace the question mark (?) in the following series.



- (a) (b)
(c) (d)

13. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Freeze 2. Freedom
3. Fryer 4. Frozen
5. Fraud 6. Fringe

- (a) 5, 6, 2, 1, 4, 3 (b) 5, 2, 1, 6, 3, 4
(c) 5, 1, 2, 6, 4, 3 (d) 5, 2, 1, 6, 4, 3

14. Out of the total number of players,

$\frac{100}{3}$ % are in hotel X and the remaining are in hotel Y. If 20

players from hotel Y are shifted to hotel X, then the number of players in hotel X becomes 50% of the total number of players. If 20 players from hotel X are shifted to hotel Y, then the number of players in hotel X becomes what per cent of the total number of players?

- (a) 20.67% (b) 16.67%
(c) 26.34% (d) 12.75%

15. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- (a) TPLH (b) NJFA
(c) CYUQ (d) FBXT