# SSC SELECTION POST XII





# **MATRICULATION**









# Selection Post XII PYQ Solved Papers 1800 MCQS Matric (10<sup>th</sup> Level)

In the past few years, SSC conducted all its examinations in the CBT (Computer Based Test) format. These tests are organized by the National Testing Agency (NTA).

NTA does not repeat questions in the examinations, 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 only important previous years question papers have been given.

The question papers 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.

> *Editor* N.N. Ojha Guiding Civil Services Aspirants Since 33 Years

> > Solved by Chronicle Editorial Team



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### Held On 30 June, 2023 Shift 3

#### General Intelligence

1. 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 rackets are lotions. All lotions are wickets. Some tables are wickets.

**Conclusions:** 

I. Some wickets are rackets.

II. Some tables are lotions.

III. All lotions are rackets.

- (a) Only conclusions I and III follow
- (b) Only conclusions I and II follow
- (c) Only conclusion II follows
- (d) Only conclusion I follows
- 2. Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

 1. Chapter
 2. Library

 3. Book
 4. Page

 5. Sentence
 (a) 2, 3, 1, 4, 5 (b) 5, 2, 3, 1, 4

 (c) 4, 5, 3, 1, 2 (d) 3, 1, 2, 4, 5

- 3. '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 S % D # F @ G & H @ J, then how is F related to J?
  - (a) Sister's daughter
  - (b) Daughter's daughter
  - (c) Son's wife
  - (d) Daughter
- 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.

 $A\_MX\_Z\_XAZ\_\_$ 

- (a) Z A M M X (b) Z A X M X
- (c) ZAMMA (d) XAMMX

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

> B \_ \_ C V \_ N M \_ V B \_ M E \_ B N M \_\_

- (a) N M B D N W F V
- (b) N M B D N V F V
- (c) N M B C N W F V
- (d) N M B C N V F V
- 6. Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

193 \* 2 \* 2 \* 56 \* 107 \* 142

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

7. 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.

Statement:

- All papers are pulps.
- All pulps are branches.
- All branches are trees.

**Conclusions:** 

- (I) Some trees are papers.
- (II) All pulps are papers.
- (III) No pulp is a paper.
- (a) Only conclusion I follows
- (b) Either conclusion I or conclusion III follows
- (c) None of the conclusions follow
- (d) Only conclusion II follows
- 8. 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 trucks are buses. Some buses are bikes. All bikes are planes. Conclusions:

- I. Some planes are buses.
- II. Some buses are trucks.
- III. All planes are trucks.
- (a) Only conclusions I and III follow
- (b) Only conclusions II and III follow
- (c) All the conclusions follow
- (d) Only conclusions I and II follow
- 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.

Anthropology :			Human	::
Cor	nchology : a	?		
(a)	Shells	(b)	Skull	
(c)	Soil	(d)	Names	

10. 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.

HOPE : QFIP :: CUTE : UFDV :: MARS : ?

(a)	SRAM	(b)	TQLB
(c)	RSMA	(d)	STNB

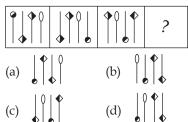
- 11. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
  - $M_U D_M C U_D C$
  - (a) U D C M C U D M
  - (b) U D C M C U D U
  - (c) UUCMCUDM(d) UDCUCUDM
- 12. In a certain code language, 'CREDIT' is written as 'SHCFSD' and 'DEMAND' is written as 'CMZNFE'. How will 'FAMILY' be written in that language?
  - (a) XKHNBG(b) GBNJMZ(c) EZLHKX(d) EBLHMX
- 13. Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.
   14\*7\*88\*37\*47

Held On 28 June, 2023 Shift 4

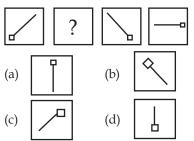
(a)

#### **General Intelligence**

1. Select the correct figure from the answer figures which would replace the question mark (?).



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



3. Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

LQd5892K N

- TQd5892K
   (d)
   LQd5862K
   (a)

   LQd8592K
   (b)
   LQd5892K
   (a)
- 4. Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

 1. Reduce,
 2. Refer,

 3. Redress,
 4. Reedy

 5. Redeem
 (a)
 5, 1, 4, 3, 2
 (b)
 4, 3, 5, 2, 1

- (c) 5, 3, 1, 4, 2 (d) 4, 5, 1, 2, 3
- 5. 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:

#### Statements:

All candies are gems.

All gems are cakes. Some cakes are sweets.

Conclusions:

6.

9.

- I. All candies are cakes.
- II. Some gems are sweets.
- (a) Neither conclusion I nor II follows.
- (b) Both conclusions I and II follow.
- (c) Only conclusion II follows.
- (d) Only conclusion I follows.
- 'A # B' means 'A is the father of B'.

'A @ B' means 'A is the brother of B'. 'A & B' means 'A is the husband of B'. 'A % B' means 'A is the mother of B'. If D # L @ M & N % P @ T, then how is L related to P?

- (a) Brother's son
- (b) Father's brother
- (c) Father's brother's wife
- (d) Wife's brother
- 7. Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.
  - 59 \* 11 \* 11 \* 48 \* 1 \* 12

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

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

	2			
1. Ba	ase	2. Bar	rier	
3. Ba	asin	4. Bas	ic	
5. Ba	atter	6. Batt	le	
(a)	2, 1, 4, 3	8, 6, 5 (b)	2, 1, 3, 4, 6, 5	
(c)	2, 4, 3, 6	5, 5, 1 (d)	2, 1, 4, 3, 5, 6	
'A + B' means 'A is the sister 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 father-in-law of B'. if  $U + V - W + X \times Y$ , then which of the following statements is NOT correct?

- (a) W is the granddaughter of U.
- (b) Y is the sister of W.
- (c) V is the mother of X.
- (d) W is the sister-in-law of Y.
- 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. (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)

)	Field	(b)	Casino	
	T (	(1)	0	

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(c) Factory (d) Garage
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11. In a certain code language, 'CARRY' is written as 'DBSSZ' and 'DELAY' is written as 'EFMBZ'. How will 'FAITH' be written in that language?

(a)	GCNVJ	(0)	TIDKUJ
(c)	GBJUI	(d)	KCJVI

- 12. Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.
  - 1. Fortnight 2. Year
  - 3. Month 4. Decade
  - 5. Week

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

- (c) 2, 4, 3, 5, 1
  (d) 4, 2, 3, 5, 1
  13. Select the option that is related to the fifth term in the same way as
  - 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.

CORRECT:ROCRTCE::WRONGLY : ORWNYLG :: NEUTRAL : ? (a) RALTNEW (b) UENTLAR (c) LARTUEN (d) ENUTRLA

14. 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

7:58:?:370:12:153				
(a)	18	(b)	21	
(c)	20	(d)	19	

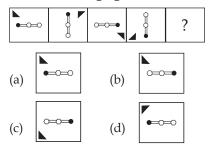
Held On 27 June, 2023 Shift 2

#### General Intelligence

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

62\*14\*7\*18\*26

- (a)  $+, \times, =, -$  (b)  $-, +, =, \times$ (c)  $=, \div, \times, +$  (d)  $=, \times, +, -$
- 2. Select the figure that will come next in the following figure series.



Select the correct mirror image of the given combination when the mirror 7. is placed at 'PQ' as shown below.

beR78ergiH6bf

- beR78ergiH6bf (a)
- (p) hello figures (d)
- (c) beR78ergiH6bf
- (q) beR78ergiH6bf
- 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.

\_G\_JY\_U\_\_G\_\_YGU\_

- (a) YUGJYUJJ
- (b) YUGJYUYJ
- (c) Y U G G Y U J J
- (d) YUGJYUJU
- 5. 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 tanks are plates.

All cots are plates.

Some oats are cots.

**Conclusions:** 

- I. Some tanks are cots.
- II. Some plates are tanks.
- III. Some plates are oats.
- (a) Either conclusion I or II follows
- (b) Only conclusion II follows
- (c) Only conclusion I follows
- (d) Both conclusions II and III follow
- '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 W % D # G @ B & M @ I, then how is D related to M?

#### (a) Son

6.

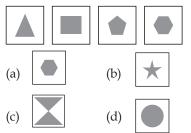
- (b) Father's father
- (c) Father
- (d) Grandson
- Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

165 \* 33 \* 26 \* 17 \* 2 \* 19 \* 16

- (a)  $\div, +, -, \times, +, =$
- (b) ÷, -, +, -, ×, =
- (c)  $\times, +, -, =, +, \div$
- (d)  $\div, +, =, +, -, \times$
- Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Seedling, 2. Sapling 3. Tree, 4. Seed 5. Forest

- (a) 4, 1, 2, 3, 5 (b) 2, 4, 3, 5, 1 (c) 1, 3, 4, 2, 5 (d) 3, 1, 5, 4, 2
- 9. Select the figure that will come next in the following figure series.



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:

- No mug is a bucket.
- All mugs are cups.

Some cups are spoons.

- Conclusions:
- I. Some spoons are buckets.
- II. Some mugs are spoons.
- III. Some cups are not buckets.
- (a) Only conclusions II and III follow
- (b) Only conclusions I and II follow
- (c) All conclusions follow
- (d) Only conclusion III follows
- 11. Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

1. Memoir,	2. Mer	nial
3. Melamine,	4. Mel	ancholy
5. Memory		-
(a) 4, 5, 1, 2, 3	(b)	4, 3, 2, 1, 5

- (c) 3, 4, 1, 5, 2 (d) 5, 3, 1, 4, 2
- 12. 'A + B' means 'A is the brother of B'.

'A - B' means 'A is the mother of B'. 'A × B' means 'A is the father of B'. 'A ÷ B' means 'A is the sister of B'. If C × M ÷ S × K - T + Q, then which of the following statements is NOT correct?

- (a) M is T's father's sister.
- (b) C is K's father's father.
- (c) K is the mother of Q.
- (d) S is Q's mother's father.
- 13. 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.

(a)	NQLS	(b)	PLOK
(c)	MNHO	(d)	JHGF

Held On 27 June, 2023 Shift 1

#### General Intelligence

1. In a code language, 'BANYAN' is written as 'EDQBDQ' and 'LAUNCH' is written as 'ODXQFK'. How will 'STRIKER' be written in that language?

(a) VWULNHU (b) SCFIRET(c) ELBURPT (d) UNDARSA

2. Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

Month, 2. Day, 3. Year, 4. Hour,
 Minute

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

7

- 3. Which of the following numbers will replace the question mark (?) in the given series?
  - **54, 46, 34, 26, 14 , ?** (a) 5 (b)
  - (c) 6 (d) 8
- 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.
  - $M\_O\_\_NO\_\_N\_PM\_O\_$
  - (a) NPMPMONP
  - (b) NPOPMOPO
  - (c) N P M P M P M N
  - (d) O P M P M O P M
- 5. 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)

Omelette : Egg :: Road : ?(a) Ore(b) Latex(c) Asphalt(d) Flax

6. '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 L @ M % F # Q & P @ N, then how is F related to P?

- (a) Husband
- (b) Brother
- (c) Husband's brother
- (d) Father
- 7. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
  - 1. Devoted, 2. Determine
  - 3. Devastating, 4. Diaphragm
  - 5. Diagnose, 6. Different
  - (a) 2, 3, 1, 4, 6, 5 (b) 2, 1, 5, 4, 6, 3 (c) 2, 3, 1, 5, 4, 6 (d) 2, 3, 1, 5, 6, 4
- 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 parrots are pigs.
  - Some pigs are poles.
  - All poles are pets.

Conclusions:

- I. Some poles are pigs.
- II. Some pets are parrots.
- III. All the parrots are pets.
- IV. Some pets are pigs.
- (a) Only conclusion III follows
- (b) Only conclusions I and IV follow
- (c) Only conclusion IV follows
- (d) Only conclusions I and II follow
- 9. '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'.
  - 'A & B' means 'A is the daughter of B'.

If A % G & H # B @ Z % M, then how is H related to M?

- (a) Mother-in-law
- (b) Daughter
- (c) Son
- (d) Mother

- 10. Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.
  - **R M\_G\_M\_\_R\_TG\_MT\_** (a) TRTGMRG (b) TRGTGMR (c) TMTGMTG (d) TRGTMRG
- 11. 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

**16 : 36 :: ? : 50 :: 9 : 22** (a) 23 (b)

- (c) 22 (d) 31
- 12. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

34

# $\left| hFt7695uYhh9g \right|$

- (9) hFt7695uYhh9g
- (b) <sup>8</sup>6чүдп<u></u>692ідч
- (c) hFt7695uYhh9g
- hFt7695uYhh9g (b)
- 13. 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.

VISION : IVISNO :: COLOUR : OCOLRU :: YELLOW : ?

(a) LEYWOL	(b)	EYLLWO
(c) WOLLEY	(d)	EYLOLW

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

 $\begin{array}{l} 289 * 121 * 154 * 307 * (34 * 3) * 2 \\ (a) \div, -, +, -, \times, = (b) & \times, +, -, =, +, \div \\ (c) & +, -, =, -, \times, \div (d) & \div, +, -, \times, +, = \end{array}$ 

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

CURB, ESPC, ?, IOLE, KMJF

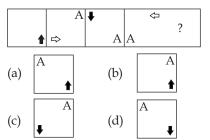
Held On 5 August, 2022 Shift 1

#### **General Intelligence**

- 1. Based on meaning/relevance of the words, Mortality is related to Death in the same way as Morbidity is related to \_\_\_\_\_.
  - (a) Disease (b) Wealth
  - (c) Literacy (d) Poverty
- 2. Which of the given letter-clusters will replace the question mark (?) in the following series?

FWJT, IZMW, LCPZ, ?, RIVF

- (a) OFTC (b) OFSD
- (c) OFTD (d) OFSC
- 3. Select the figure from among the given options that can replace the question mark (?) in the following series.



4. Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.

Statements:

- I. All ovens are stoves.
- II. No stove is a fridge.
- **Conclusions:**
- I. No oven is a fridge.
- II. Some fridges are ovens.
- (a) Either conclusion I or II follows(b) Neither conclusion I nor II
- follows (c) Only conclusion I follows
- (d) Only conclusion II follows
- (d) Only conclusion II follows
- 5. Pointing at a girl, Sai said, "She is the only daughter of the father, who is the only son of my father's father." How is the girl related to Sai?

- (a) Daughter
- (b) Mother
- (c) Sister

7.

- (d) Sister-in-law
- 6. In a code language, 'SPARKLE' is written as 'TNBPLJF' and 'PRIEST' is written as 'QPJCTR'.How will 'CULTURE' be written in that language?
  - (a) DVMUVSF (b) DSNRWPF
  - (c) DVNUWSF (d) DSMRVPF'P @ O' means 'P is the sister of O'
  - 'P & Q' means 'P is the son of Q' 'P # Q' means 'P is the mother of Q' If 'A # B @ C # D @ E & F', then how

is D related to F?

- (a) Mother (b) Daughter
- (c) Brother (d) Father
- 8. In a code language, 'JEALOUS' is written as 'QVZOLFH', 'SACRIFICE' is written as 'HZXIRURXV'. How will 'SYMPATHY' be written in that language?
  - (a) HBMKZGHB
  - (b) BHNKZGBS
  - (c) HBNKZGSB
  - (d) HCNKZGSC
- 9. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Zebra 2. Zero

- 5. Zeppelin 6. Zen
- (a) 4, 1, 6, 3, 5, 2 (b) 2, 4, 1, 6, 3, 5
- (c) 5, 1, 6, 3, 4, 2 (d) 6, 1, 4, 3, 5, 2
  10. In a certain code language, 'SHARE' is written as 'TJDVJ', and 'TOTAL' is written as 'UQWEQ'. How will 'SMOKE' be written in that language?
  - (a) TOSOK (b) TOROJ

(c) TOROK (d) TOSOJ

11. Which of the following letterclusters will replace the question mark (?) in the given series to make it logically complete?

YAK, CEO, GIS, KMW, ?

(a) OAQ (b) OQA (c) PRB (d) OPA

- 12. In a certain code language, 'BEAR' is written as '52' and 'SINK' is written as '106'. How will 'TOYS' be written in that language?
  - (a) 158 (b) 4322
  - (c) 79 (d) 97
- 13. Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.
  - $S_F_H_D_GHSD_G_SD_H$
  - (a) DGFSFHFG (b) DFGSFHFG
  - (c) DGSFFHFG (d) DGFSFDFG
- 14. Select thew correct mirror image of the given figure when the mirror is placed at MN as shown below.

F

- Fjr49a (d) Ajr49a (a)
- Fjt46a (b) 4jt763 (c)
- 15. Two 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 follow(s) from the statements.
  - Statements:
  - All rats are cats.
  - All cats are tigers.
  - Conclusions:
  - I. Some tigers are rats.
  - II. All rats are tigers.
  - (a) Both conclusions I and II follow
  - (b) Only conclusion II follows
  - (c) Only conclusion I follows
  - (d) Neither conclusion I nor II follows
- 16. In a certain code language, 'NOVEL' is written as 'LMTCJ' and 'OCEAN' is written as 'MACYL'. How will 'PARTY' be written in that language?

(a)	NXRPZ	(b)	MCPRX
(c)	NYPRW	(d)	MBSUZ

Held On 3 August, 2022 Shift 1

### General Intelligence <sup>5.</sup>

1. Two 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 follow(s) from the statements.

**Statements:** 

Some figures are numbers. Some numbers are digits.

**Conclusions:** 

I. No figure is a digit.

- II. All digits are figures.
- (a) Both conclusions I and II follow(b) Neither conclusion I nor II
- follows
- (c) Only conclusion II follows
- (d) Only conclusion I follows
- 2. In a code language, 'want to go fishing' is written as '4227', 'deep in the sea' is written as '4233', 'under the clear blue sky' is written as '53543'. What is the code for the phrase 'come along with me' in this language?
  - (a) 5442 (b) 4442
  - (c) 5432 (d) 4542
- 3. 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.

AGES : YDCO :: FAIR : DXGN :: LIFE : ?

- (a) JFDA (b) JFDB
- (c) JEDB (d) JEDA
- 4. Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.

A\_\_S D\_G F\_D A G\_S\_A\_F\_D (a) GFASFDGS (b) GFASFGDS

(c) GFSAFDGS (d) GFSADFGS

- 5. Pointing to a person in a photograph, a man, Kumar, said, "He is the son of my sister's father-in-law's wife Sushma." Sushma has only one son. How is the person related to Kumar?
  - (a) Sister's husband
  - (b) Son
  - (c) Sister's son
  - (d) Father-in-law
- 6. In a certain code language, 'SEA' is written as '75', and 'POND' is written as '196'. How will 'LAKE' be written in that language?
  - (a) 112 (b) 116
  - (c) 120 (d) 124
- 7. 'P @ Q' means 'P is the wife of Q'
  - 'P & Q' means 'P is the father of Q' 'P # Q' means 'P is the mother of Q' If 'A # B @ C & D @ E', then how is D related to A?
  - (a) Mother's mother
  - (b) Father's mother
  - (c) Daughter's husband
  - (d) Daughter's daughter
- 8. In a certain code language, 'CONGRESS' is written as 'RTDSFOND' and 'COUNTRY' is written as 'ZQUMVND'. How will 'CONTROL' be written in that language?
  - (a) MNSSOND (b) KPQUMND(c) KPSSONB (d) KPQUMPB
- 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.

FOREST : EROFTS :: LETTER : TTELRE :: SELECT : ?

(a) EELSTC (b) TCSLEE

- (c) CTELES (d) ELESTC
- 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.
  - T A\_B L\_E\_A A\_L L\_T \_A B\_L E

- (a) ALTBEAL
- (b) A A B T L E A
- (c) BEALATL
- (d) A T L B E A L
- 11. Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.

**T\_U\_P\_Y\_IPT\_UI\_TY\_P** (a) YITUYPUI (b) YITUYPPI

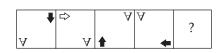
- (c) YUTIYPPI (d) YUTUYPPI
- 12. In a code language, 'SPORTY' is written as 'QMKMNR' and 'PREYS' is written as 'NOATM'.How will 'CLIP' be written in that language?
  - (a) AIFL (a) AJEL
  - (c) AIEK (d) AJFK
- 13. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

149:12::230:15::294:?

- (a) 20 (b) 19
- (c) 17 (d) 21
- 14. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Plunge	2. Puls	e
3. Police	4. Pruc	lent
5. Purse	6. Pala	te
(a) 6, 1, 3,	4, 2, 5 (b)	6, 1, 3, 4, 5, 2
(c) 6, 1, 4, 3	3, 2, 5 (d)	6, 3, 1, 4, 2, 5

- 15. In a certain code language, 'JUPITER' is written as 'PWRKVGH' and 'SATURN' is written as 'LCVWTQ'. How will 'ASTEROID' be written in that language?
  - (a) FUVGTQKC (b) BUVGTQKY(c) CUVGTQKF (d) YUVGTQKB
- 16. Select the figure from among the given options that can replace the question mark (?) in the following series.



Held On 2 August, 2022 Shift 1

#### General Intelligence

- In a code language, 'MOBILE' is written as '8\$2%£@', 'DRAPE' is written as ' 9#+■@' and 'CRUEL' is written as '6#3@£'. How will 'CRAMP' be written in that language?
  - (a) 6#+%£ (b) 93@%£
  - (c) 6#+8∎ (d) 93@∎
- 2. 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.)

Bull : Cow :: Cock : ?

- (a) Chick (b) Hen
- (c) Duck (d) Doe
- 3. Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.
  - $S\_P\_T\_R\_QT\_RP\_TS\_PQ\_$
  - (a) RPSPSQRT (b) RQSPSQRT
  - (c) RQPPSQRT (d) RPSPSRPT
- 4. In a code language, 'FREQUENT' is written as '6-18-5-17-21-5-14-20' and 'DANGER' is written as '4-1-14-7-5-18'. How will 'SOLITUDE' be written in that language?
  - (a) 19-15-12-9-20-21-4-5
  - (b) 18-15-12-8-20-21-4-5
  - (c) 19-15-12-9-21-20-4-5
  - (d) 18-15-12-19-20-21-4-5
- 5. In a certain code language, 'HAPPY' is written as 'JBRQA' and 'MACRO' is written as 'OBESQ'. How will 'MATES' be written in that language?

(a) OBVFU	(b) OBVFV	
-----------	-----------	--

- (c) OBWFU (d) OBVGU
- 6. Pointing to a person in a photograph, a man, Naren, said, "Her daughter's son is my daughter's brother." How is the person related to Naren?

- (a) Wife
- (b) Sister
- (c) Mother-in-law
- (d) Daughter
- 7. In a certain code language, 'NOVEL' is written as 'SSYGM', and 'MUSIC' is written as 'RYVKD'. How will 'ORDER' be written in that language?
  - (a) TVGGS (b) TVGHT (c) TVGHS (d) TVGGT
- 8. Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.
  - PO\_Y\_IUY\_OIYPO\_U (a) UIPOPUIY (b) IOPUPUIY (c) IOPUPOIY (d) IUPOPUIY
- 9. Two 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 follow(s) from the statements.

Statements:

- All planks are woods.
- Some woods are glasses

Conclusions:

- I. Some planks are glasses.
- II. All planks are glasses.
- (a) Neither conclusion I nor II follows
- (b) Both conclusions I and II follow
- (c) Only conclusion I follows
- (d) Only conclusion II follows
- 10. Which of the given letter-clusters will replace the question mark (?) in the following series?

CEY	YS, EIA	V, GMCY,	?, KUGE
(a)	IQEB	(b)	JRGB
(c)	IRGB	(d)	JQEB

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

16, 18, 24, 36, ?, 86

(a) 76 (b) 66 (c) 56 (d) 46

- 12. P & Q' means 'P is the sister of Q'.
  'P % Q' means 'P is the brother of Q'.
  'P \$ Q' means 'P is the mother of Q'.
  'P = Q' means 'P is the father of Q'.
  If A = B \$ C & D % E, then how is D related to A?
  - (a) Son's daughter
  - (b) Daughter's son
  - (c) Son's son
  - (d) Daughter's daughter
- 13. Which two signs should be interchanged to make the given equation correct?
  - $63 3 + 45 \div 15 \times 2 = 36$ (a) × and - (b) - and ÷
  - (c)  $\div$  and  $\times$  (d) + and  $\times$
- 14. In a certain code language, 'ABACUS' is written as 'BCBTVD' and 'GENDER' is written as 'OFHSFE'. How will 'IMPACT' be
  - written in that language? (a) QUNJDB (b) QJNDBU
  - (c) QNJUDB (d) JBDQNU
- 15. Which letter cluster will replace the question mark (?) to complete the given series?

CURE, EXUG, ?, IDAK, KGDM

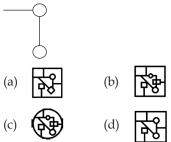
- (a) HCYJ (b) HAXI
- (c) GAXI (d) HMTR
- 16. In a certain code language, 'PEOPLE' is written as '5' and 'ACADEMIC' is written as '7'. How will 'PRESIDENT' be written in that language?
  - (a) 7 (b) 6 (c) 9 (d) 8
- 17. Study the given pattern carefully and select the number that can replace the question mark (?) in it. First row: 61, 21, 185 Second row: 43, 26, 164 Third row: 39, 16, ?
  (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/

deleting/multiplying etc. to 13 can

### Held On 1 August, 2022 Shift 1

#### General Intelligence

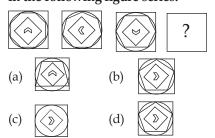
1. Select the option in which the given figure is embedded (Rotation is NOT allowed).



2. In a code language, 'the sun shines bright' is written as '3366', 'summer is here' is written as '624', 'come to the beach' is written as '4235'. What is the code for the phrase 'such a fun filled day' in this language?

(a)	41633	(a)	41336
(c)	41363	(d)	51335

- 3. Select the correct option that indicates the arrangement of the following words in a logical and meaningful order. (From small to big)
  - 1. State 2. Town
  - 3. City 4. Continent
  - 5. Country
  - (a) 2, 3, 1, 5, 4 (b) 3, 4, 5, 2, 1 (c) 1, 3, 5, 4, 2 (d) 4, 5, 3, 1, 2
- 4. Select the figure that will come next in the following figure series.



- 5. Based on meaning/relevance of the words, Laptop is related to Keyboard in the same way as Television is related to \_\_\_\_\_.
  - (a) Internet (b) Channel
  - (c) Movies (d) Remote

6. Two 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 follow(s) from the statements.

#### Statements:

All cups are saucers.

No saucer is a plate.

**Conclusions:** 

I. Some cups are plates.

II. No cup is a plate.

- (a) Only conclusion II follows
- (b) Neither conclusion I nor II follows
- (c) Both conclusions I and II follow
- (d) Only conclusion I follows
- 7. 'P @ Q' means 'P is the mother of Q'
  'P & Q' means 'P is the brother of Q'
  'P # Q' means 'P is the sister of Q'
  If 'A @ B # C & D @ E # F', then how
  is A related to E?
  - (a) Sister
  - (b) Mother's brother
  - (c) Daughter
  - (d) Mother's mother
- 8. Which two numbers (not digits of the numbers), from amongst the given options, should be interchanged to make the given equation correct?

 $52 \div 13 + 6 - 25 \times 2 = 17$ 

- (a) 6 and 25 (b) 13 and 2
- (c) 13 and 25 (d) 6 and 2
- 9. In a code language, 'she is mother' is coded as 'lim kim nim', 'she likes badminton' is coded as 'lim tim gim', and 'mother plays badminton' is coded as 'nim bim gim'. What is the code for the word 'plays'?

(a) gim (b) bim (c) kim (d) nim

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

 $T\_\_RE\_YU\_ETY\_R\_T\_U\_E$ 

(a) YUTRUEYR (b) YVTRUEYR(c) YUTEUEYR (d) YURRUEYR

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

First row: 13, 1, 70

Second row: 9, 9, 90 Third row: 11, ?, 130

(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/ deleting/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) 15

(c) 9 (d) 8

- 12. Pointing towards a woman in the photograph, Rahul said, "She is the mother of the only daughter of my son-in-law, Harish". How is she related to Rahul?
  - (a) Mother
  - (b) Sister
  - (c) Daughter-in-law
  - (d) Daughter
- 13. 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 cubs are trucks.

All trucks are lanterns.

No lanterns are bricks.

Conclusions:

I. Some cubs are lanterns.

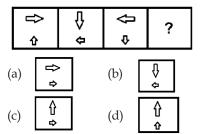
II. Some trucks are not bricks.

- III. All cubs are trucks.
- (a) Only conclusion II and III follow
- (b) Only conclusion I and II follow
- (c) All of the conclusions follow
- (d) Only conclusion I and III follow

Held On 14 March, 2022 Shift 1

#### General Intelligence

- In a certain code, P + Q means 'Q is the son of P'; P @ Q means 'Q is the daughter of P'; P \$ Q means 'Q is the brother of P'; P % Q means 'P is the father of Q' and P # Q means 'P is the mother of Q'. Which of the following is true?
  - (a) C @ D \$ F % G means G is the grandson of C.
  - (b) A + B \$ C % D means A is the maternal grandfather of D.
  - (c) K + L \$ M @ N means N is the granddaughter of K.
  - (d) G % H # K \$ L means L is the son-in-law of G.
- 2. Five persons K, L, P, N and O are sitting in a straight line, all facing in the same direction. L is second to the right of N. K is third to the right of P. O is sitting adjacent to K. Who is sitting to the immediate left of P?
  - (a) L (b) N
  - (c) O (d) K
- 3. Select the figure from among the given options that can replace the question mark (?) in the following series.



- 4. Eight friends A, B, C, D, E, F, G and H are sitting around a circular table, all facing towards the centre. Only B is between H and D. Only C is between H and E. E is fourth to the right of D. B is third to the right of E. Only F is between G and A. G is not adjacent to D. Who is sitting second to right of B?
  - (a) F (b) A
  - (c) C (d) H

- 5. Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.
  - 1. California 2. North America
  - 3. World
  - 4. United States of America
  - 5. Universe
  - (a) 4, 2, 1, 3, 5 (b) 1, 4, 3, 2, 5
  - (c) 1, 2, 4, 5, 3 (d) 1, 4, 2, 3, 5
- 6. In a certain code language, 'PRESUME' is written as 'EEMPRSU'. How will 'NOCTURNAL' be written in that language?
  - (a) ACLNNORTU
  - (b) ACNLNORTU
  - (c) ACLNNTORU
  - (d) ACLNNOUTR
- 7. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

**7:9::8:?::6:2** (a) 25 (b) 26 (c) 28 (d) 22

- 8. Pointing to a photograph of Vikrant, Shashi said, "He is my father's mother's husband's daughter's husband". How is Vikrant's wife related to Shashi's father?
  - (a) Daughter(b) Sister(c) Niece(d) Mother
- 9. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

 1. Serene
 2. Serious

 3. Service
 4. Severe

 5. Seepage
 (a) 5, 1, 3, 2, 4 (b) 5, 2, 1, 3, 4

(c) 5, 1, 2, 3, 4 (d) 4, 1, 2, 3, 5

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

NECTAR: FHQUDW:: PLEASE:? (a) HOSDVH (b) HORDVG (c) HOSHVD (d) HPSEVH 11. Select the number from among the given options that can replace the question mark (?) in the following series.

50, 66, 87, 113, 144, ?

- (a) 180 (b) 170 (c) 190 (d) 200
- 12. 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: Some parks are fields. Some fields are houses. Conclusions:

- I. Some houses are parks.
- II. Some fields are parks.
- (a) Only conclusion I follows
- (b) Either conclusion I or II follows
- (c) Both conclusions I and II follow
- (d) Only conclusion II follows
- 13. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BER, EAT, HWV, ?, NOZ

(a)	LSX	(b)	KTX
(c)	LSY	(d)	KSX

14. In a certain code language, 'SUN' is coded as '384228'. How will 'PRICE' be coded in that language?

(a)	323416610	(b)	303618810
(c)	323618610	(d)	323618812

15. 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: No Lilly is a Rose.

All Roses are Jasmines. Conclusions:

Held On 10 February, 2022 Shift 1

### **General Intelligence**

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

> $A B \_\_K \_\_D E K \_B \_\_K$ (a) DEBBAAK (b) EDABAED

- (c) EDBABED (d) DEABADE
- 2. 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 from the statements.

Statements:

No bird is a parrot.

Some pigeons are birds.

All crows are parrots.

**Conclusions:** 

- I. No bird is a pigeon.
- II. All parrots are definitely not birds.
- (a) Neither conclusion I nor II follows.
- (b) Only conclusion I follows.
- (c) Only conclusion II follows.
- (d) Both conclusions I and II follow.
- In a certain code language, 'SHARP' 3. is written as 'LOATN'. How will 'VAPID' be written in that language?
  - (a) ERTHE (b) WZPZM
  - (d) WZLZM (c) ERPHE
- 4. Inacertaincodelanguage, 'HEADLIGHT' is written as 'JGCFNKIJV'. How will 'INADVISABLE' be written in that language?
  - (a) KQDEXKUDEOG
  - (b) KPDFXLUCDNG
  - (c) KPCFXKUCDNG
  - (d) KQCFXLUDENG
- 5. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

OMU, NOT, MQS, LSR, ?

(a)	JVP	(b)	KUQ
(c)	JUQ	(d)	KVO

- 6. In a certain code language, 'DOME' is coded as '74' and 'PLACE' is coded as '74'. How will 'FLOOD' be coded in that language?
  - (a) 100 91 (b)
  - (c) 104 (d) 70
- 7. In a certain code language, 'TABLE' is coded as '10177625'. How will 'GLOBAL' be coded in that language?
  - (a) 1767201712 (b) 1267101712
- (c) 1776021721 (d) 2171027671 8. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number. 65:192::78:?::93:220
  - (a) 234 (b) 198
  - (c) 205
- 9. 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.

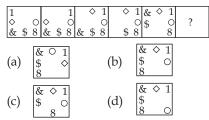
Statements:

All players are actors.

Some writers are actors.

**Conclusions:** 

- (I) All players are writers.
- (II) Some writers are players.
- (a) Only conclusion I follows
- (b) Only conclusion II follows
- Either conclusion I or II follows (c)
- (d) Neither conclusion I nor II follows
- 10. Select the figure from among the given options that can replace the question mark (?) in the following series.



- 11. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
  - 1. Nutriment 2. Numerable
  - 3. Numerology 4. Nuisance
  - 5. Numerical 6. Nucleolus
  - (a) 6, 4, 2, 5, 3,1 (b) 6, 4, 2, 1, 3, 5
- (c) 4, 6, 2, 1, 5, 3 (d) 4, 6, 1, 2, 3, 5 12. Select the number from among the given options that can replace the question mark (?) in the following series.
  - 5, 8, 12, 20, 37, 70, ?
  - (a) 183 (b)
  - 138 (c) 182 (d) 128
- 13. Vinod is the grandfather of Riya. Riya is the daughter of Nikhil. Gauri is the wife of Nikhil. Sohan is the brother of Nikhil. How is Sohan related to Riya?
  - (a) Father's father
  - (b) Brother
  - (c) Father's brother
- (d) Son
- Sanju has a family of eight members. Binodh is the eldest male member of the family and is married to Narmada. Hayati is the daughterin-law of Narmada and the sisterin-law of Suvid and Alekya. Apart from Sanju and Binodh, Suvid is the only male member of the family. Alekya is the aunt of Sanju's two daughters, Sarayu and Dakshi. How is Dakshi related to Suvid's brother?
  - (a) Sister
  - (b) Daughter-in-law
  - (c) Daughter
  - (d) Sister-in-law
- Which two signs need to be 15. interchanged to make the following equation correct?

 $25 - 48 + 6 \div 12 \times 2 = 41$ 

- (a) and +(b)  $\times$  and  $\div$
- (c)  $\div$  and + (d)  $\div$  and –
- 16. Eight persons A, B, C, D, E, F, G and H are sitting around a circular table, facing towards the centre of the table. A sits to the immediate

14.

(d) 223

Held On 3 February 2022 Shift 2

### General Intelligence

- 1. In a certain code language, 'DENSITY' is coded as '4-5-14-19-9-20-25'. How will 'UBIQUITOUS' be coded in that language?
  - (a) 21-2-9-17-21-9-20-15-21-19
  - (b) 20-2-9-16-20-9-20-15-20-19
  - (c) 21-2-8-17-21-8-20-15-21-19
  - (d) 21-2-9-16-21-9-19-15-21-18
- 2. In a certain code language, 'DOPING' is written as 'TMRKLW', and 'WATER' is written as 'IVGZD'. How will 'COUNTER' be written in that language?
  - (a) WGLAMXT (b) IVGMFLX
  - (c) IGIAMUH (d) WLGMATX
- 3. Select the correct mirror image of the given combination when the mirror is placed at PQ as shown.

TECHNICAL

- Q
- (a)  $T \in C \in H \setminus I \subset A \subset L$ (b)  $T \in C \in I \cap I \cap C \cap A \subset A \subset A \cap C$
- (d) J V C N I H O E T
- 4. If '×' means '+', '÷' means '-', '+' means '÷', and '-' means '×', then what will be the value of the following expression?

231 ÷ 21 × 49 + 7 - 28

(a)	518	(b)	448	
	406	(d)	427	

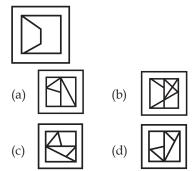
- 5. L, M, N, O and P are sitting in a straight line on a bench, facing the north direction. P is sitting next to L. M is sitting to the immediate left of O, who is at one of the ends of the bench. N is not sitting between P and M. L is second to the left of M. L and N are sitting together. In which position is N sitting?
  - (a) At the left end of the bench
  - (b) Between P and M
  - (c) Between M and L
  - (d) Between P and O

- Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
   Planning, 2. Playing, 3. Place
   Placard, 5. Plough, 6. Plead
  - $(a) \quad 3,\,4,\,1,\,2,\,6,\,5 \ (b) \quad 4,\,3,\,1,\,2,\,5,\,6$
  - (c) 4, 3, 2, 1, 6, 5 (d) 4, 3, 1, 2, 6, 5
- 7. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
  8:12::6:?::10:15
  - (a) 7 (b) 8
  - (c) 9 (d) 10
  - In a certain code language, 'FATHER' is written as 'AFHTRE', and 'SISTER' is written as 'ISTSRE'. How will 'MOTHER' be written in
    - that language?

8.

- (a) TOMREH (b) TMOERH
- (c) OMHRET (d) OMHTRE
- 9. 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.
  14. Statements:
  - 1. All Parrots are Vegetables.
  - 2. Some Mobiles are Parrots.
  - 3. All Towels are Mobiles.
  - **Conclusions:**
  - I. All Towels are Vegetables.
  - II. Some Towels are Vegetables.
  - III. Some Vegetables are Mobiles.
  - IV. All Mobiles are Vegetables.
  - (a) Only conclusions I and III follow.
  - (b) Only conclusion II follows.
  - (c) Only conclusion III follows.
  - (d) Only conclusion I follows.
- 10. Select the number from among the given options that can replace the question mark (?) in the following series.
  - 13, 17, 19, 23, 29, ?

- (a) 30 (b) 36
- (c) 31 (d) 33
- 11. Raghuram's father has a daughter komali and a son Rithwik whose father's sister Lalita is married to Ranjit whose father-in-law is Murali. How Lalita's father is related to Raghuram?
  - (a) Uncle (b) Nephew
  - (c) Son (d) Grand father
- 12. Select the option in which the given figure is embedded (rotation is NOT allowed).



13. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

QJB, RLE, SNH, TPK, ?

(a) VRM (b) WSM

(c) URN (d) VSN

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

- (a) 132 (b) 129
- (c) 125 (d) 127
- 15. Mukesh is the father of Suresh. Raju is the brother of Suresh. Neena is the only daughter of Mukesh. Kishan is the son of Suresh and Priyanka. How is Neena related to Kishan?
  - (a) Sister
  - (b) Father's sister
  - (c) Mother's sister
  - (d) Daughter
- 16. Six friends A, B, C, D, E and F are sitting around a circle facing towards the centre. C and A are the