SSC SELECTION POST XII

CHRONICLE
Nurturing Talent Since 1990

PYQ SOLVED PAPERS

1800 MCQs

GRADUATION & ABOVE LEVEL

SSC

SSC

Selection Post XII
PYQ Solved Papers
1800 MCQs
(Graduate Level)

The previous years 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.

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.

Editor
N.N. Ojha

Solved by
Chronicle Editorial Team

CHRONICLE
CHRONICLE Nurturing Talent Since 1990

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General Intelligence

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

   1. Labial
   2. Labefaction
   3. Laboratory
   4. Label
   5. Labile

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

2. In a certain code language, 'free prison' is coded as 'float-away microphone', 'prison and' is coded as 'microphone cucumber' and 'free and' is coded as 'float-away cucumber'. What is the code word for 'free'?

   (a) cucumber   (b) microphone
   (c) float   (d) float-away

Q.3 In a code language, 'MUMBAI' is written as 'N46' and 'KOLKATA' is written as 'L60'. How will 'LUCKNOW' be written in that language?

   (a) K85   (b) M87
   (c) M82   (d) Q97

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

   x_y y _ y x x _ y yy _ x y _ y _

   (a) xyyxyy   (b) xyxxyx
   (c) xxxxyy   (d) xyxxxy

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

   11, 21, 16, 26, ?, 31

   (a) 29   (b) 27
   (c) 25   (d) 21

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 gifts are presents.
   Some presents are boxes.
   All presents are tables.
   Conclusions:
   I. Some gifts are tables.
   II. Some tables are boxes.
   III. All gifts are boxes.

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

7. 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)

   Chair : Stool :: Ladder : ?

   (a) Table   (b) Cupboard
   (c) Shelf   (d) Staircase

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

   1. Knee
   2. Neck
   3. Thigh
   4. Head
   5. Toe
   6. Waist

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

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)

   Extrovert : Introvert : : Religious : ?
   (a) Pessimist   (b) Optimist
   (c) Narcissist   (d) Atheist

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

    9 * 13 * 4 * 15 * 5 * 64

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

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

    (a)   (b)

    (c)   (d)

12. In a certain code language, 'DIFFRENT' is written as 'EHGESDOS' and 'COMBINE' is written as 'DNNAJMF'. How will 'LETTER' be written in that language?

    (a) MDUSFQ   (b) MUDFSQ
    (c) NDFSUS   (d) NEVTGR

13. 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.

    7 : 51 :: 12 : ? :: 14 : 198

    (a) 146   (b) 148
    (c) 144   (d) 141

14. In a certain code language, 'Broken' is written as '1171410413', 'Bottle' is written as '1141919114', how will 'Sample' be written in that language?

    (a) 1711215114   (b) 1801215114
    (c) 1801214114   (d) 1811114103

General Intelligence

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

   5, 8, 19, 36, 75, ?

   (a) 148   (b) 146
   (c) 164   (d) 184

2. In a certain code language, 'FANG' is written as '24' and 'CRAZY' is written as '69'. How will 'PLAY' be written in that language?

   (a) 52   (b) 50
   (c) 48   (d) 45

3. Pointing to a man in a picture, Sunny said, "He is the brother of the husband of my sister's mother". How is Sunny related to the man in the picture?

   (a) Grandfather   (b) Nephew
   (c) Brother   (d) Son

4. In a certain code language, 'CLIMATE' is written as '763', 'GLOBAL' is written as '649'. How will 'CREEP' be written as in that language?

   (a) 74   (b) 475
   (c) 47   (d) 547

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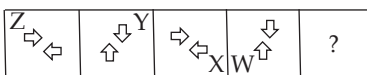
   (a)   (b)

   (c)   (d)

6. 'A # B' me 'A is the brother of B'
   'A @ B' me 'A is the father of B'
   'A & B' me 'A is the mother of B'
   'A % B' me 'A is the wife of B'
   If 'P & Q # R % S @ T # U', then how is P related to U?

   (a) Mother
   (b) Mother's mother
   (c) Father's mother
   (d) Son's daughter

7. In a certain code language, 'COLDER' is written as '105' and 'MOUSE' is written as '62'. How will 'PLIGHT' be written in that language?

   (a) 82   (b) 90
   (c) 80   (d) 102

8. 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)

   Exclude : Include : : Elementary : ?

   (a) Beginners   (b) Preliminary
   (c) Basic   (d) Advanced

9. 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:
   Some flowers are fruits.
   All fruits are vegetables.
   Some vegetables are healthy.
   Conclusions:
   I. All fruits are healthy.
   II. Some vegetables are flowers.

   (a) Only conclusion II follows.
   (b) Neither conclusion I nor II follows.
   (c) Both conclusions I and II follow.
   (d) Only conclusion I follows.

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.

    _ A A _ F _ A N F A _ _ _ A A N

    (a) F A A F N A
    (b) A A F F N A

    (c) F A N A N F
    (d) F N A A N F

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)

    Horror : Fright :: Joy : ?

    (a) Peace   (b) Calm
    (c) Delight   (d) Sadness

12. Select the option that represents the correct order of the given words as they would appear in an English dictionary?
    1. Dash
    2. Damage
    3. Darkness
    4. Damp
    5. Danger
    6. Dancer

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

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

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

14. Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.
    1. Primary
    2. Lower secondary
    3. Kindergarten
    4. University

General Intelligence

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

N_M_N_ _MANNA_A_

(a) AANAMN   (b) ANNMMA
(c) ANAMAA   (d) ANNANM

2. 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.

YEN10 : CWN50 :: USD8 : GIX32 :: GDP12 : ?

(a) UWL72   (b) UXL72
(c) UXJ72   (d) TXL72

3. In a certain code language, 'DEFECT' is written as '2747118', 'DEVICE' is written as '27201117', how will 'DOMAIN' be written in that language?

(a) 2171131112   (b) 217113119
(c) 417111912   (d) 217111912

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

7tF49Yd

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

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:

Some pears are mangoes.
All mangoes are grapes.
All pears are fruits.

Conclusions:
I. Some pears are grapes.
II. Some mangoes are fruits.
(a) Only conclusion I follows.
(b) Both conclusions I and II follow.
(c) Only conclusion II follows.
(d) Neither conclusion I nor II follows.

6. 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)

Waive : Impose :: Spurious : ?

(a) Counterfeit   (b) Abjure
(c) Original   (d) Sporadic

7. Select the option figure which is cmbcddcd in the gigven figure as its part (rotation is NOT allowed).

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

8. In a certain code language, 'CAST' is written as '311920', and 'FEED' is written as '6554'. How will 'GLAD' be written in that language?

(a) 71218   (b) 71514
(c) 71314   (d) 71214

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

NOTICE : ONUHDD :: DULCET : ?

(a) ETMBFS   (b) CVKDDU
(c) QSYPRT   (d) WFOYUH

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)

Amateur : Beginner : : Dangerous : ?

(a) Precarious   (b) Enduring
(c) Peculiar   (d) Tolerant

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

1. Finger   2. Elbow
3. Wrist   4. Nail
5. Palm

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

12. 'Q+R' me'Q is the father of R'

'Q–R' me'Q is the wife of R'

'Q×R' me'Q is the brother of R'

'Q÷R' me'Q is the daughter of R'

If 'S÷ Q+ M × P − K', then how is Q related to K?
(a) Father-in-law (b) Son-in-law
(c) Son   (d) Father

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

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

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

23, 25, 28, 33, ?, 51, 64
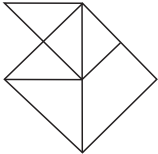
(a) 39   (b) 40
(c) 41   (d) 38

General Intelligence

Q.1 Select the option that represents the letters which when sequentially placed from left to right in the blanks below will complete the letter series.

L _ J _ G _ K _ H G _ K J H _ L _ _ H G

(a) K I L K L G K I
(b) K I L K L H K J
(c) K H L J L G K J
(d) K I L J L G K J

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

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

3. 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.)

Hockey : Stick

(a) Pool : Cue
(b) Field : Cricket
(c) Court : Badminton
(d) Chess : Room

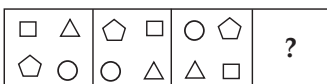**4.** Select a suitable figure from the answer figures which would replace the question mark (?)

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

5. 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.)

Admit : Deny

(a) Nurse : Hospital
(b) Apart : Together
(c) Book : Pages
(d) Mistake : Error

6. In a certain code language, 'CRAFTED' is written as 'ETYHVCF' and 'IMAGE' is written as 'GOYIC'. How will 'HAUNT' be written in that language?

(a) JYSNV (b) JYWPV
(c) JCWPV (d) JYSPV

7. 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.)

Lizard : Crawl :: Snake : ?_____

(a) Gallop (b) Slide
(c) Slither (d) Jump

8. 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 / 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)

(7, 1, 72)

(5, 2, 18)

(a) (4, 2, 12) (b) (2, 1, 6)
(c) (7, 5, 45) (d) (3, 1, 8)

9. 'A # B' me'A is the brother of B'.
'A @ B' me'A is the daughter of B'.
'A & B' me'A is the husband of B'.
'A % B' me'A is the wife of B'.

If V & S @ F % H # T & Q, then how is S related to H?

(a) Daughter
(b) Mother
(c) Sister
(d) Husband's wife

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

MCRV, PFQU, ?, VLOS, YONR

(a) SIQP (b) SHPR
(c) SIPT (d) SIQT

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

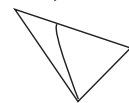**14, 23, 38, 59, ?, 119**

(a) 92 (b) 97
(c) 82 (d) 86

12. In a certain code language, 'CAMERA' is written as 'NBDBSF' and 'DOCTOR' is written as 'DPESPU'. How will 'CHURCH' be written in that language?

(a) VIDSID (b) VIDDIS
(c) VIDIDS (d) VIDSDI

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

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

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(a) 'A # B' me'A is the brother of B'.
'A @ B' me'A is the daughter of B'.
'A & B' me'A is the husband of B'.
'A % B' me'A is the wife of B'.

If V & R @ F % H # T @ Q, then how is T related to R?

(a) Father's sister
(b) Mother
(c) Husband's mother
(d) Son's wife

2. Which of the following numbers will replace the question mark (?) in the given series?
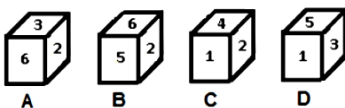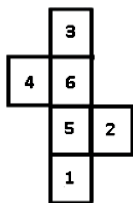
7, 7, 5, 15, 11, 55, 49, 343, ?

(a) 340   (b) 332
(c) 365   (d) 335

3. Mr. Ram said to Mr. Shyam, "Ms. Sudha is the only daughter of my wife's husband's father." Ms. Sudha is to Ram's............?

(a) Sister   (b) Daughter
(c) Mother   (d) Wife

4. If the given sheet is folded to form a cube, which of the given figures is/are possible?
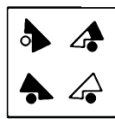

(a) A and B   (b) Only D
(c) Only A   (d) A and C

5. In a certain code language, 'MARKET' is written as 'PBKRXI' and 'STALL' is written as 'JIBQQ'. How will 'STORE' be written in that language?

(a) JINKX   (b) XKNJI
(c) JKIXN   (d) JIKXN

6. Select the correct mirror image from the following options when the mirror is placed on the right side of the problem figure.
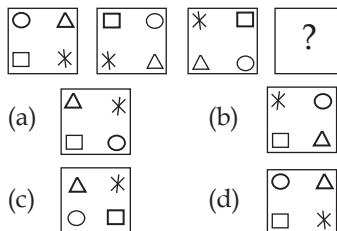

7. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Eternal
2. Ether
3. Escape
4. Ethical
5. Escort
6. Eschew

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

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

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

BIRD, DMTG, ?, HUXM, JYZP

(a) FQVJ   (b) FRVJ
(c) FQWJ   (d) FRWJ

10. 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/numbers of consonants/vowels in the word)

Heart : Pump :: Kidney : ?

(a) filter   (b) circulate
(c) filter   (d) transfer

11. 'ZXCV' is related to 'XWDX' in a certain way based on the English alphabetical order. In the same way, 'POIU' is related to 'NNJW'. Which of the following is related to 'LKJH' using the same logic?

(a) NLIG   (b) NMIF
(c) NLIE   (d) JJKJ

12. In a certain code language, 'ORANGE' is written as 'BSPFHO' and 'INCOME' is written as 'DOJFNP'. How will 'PARENT' be written in that language?

(a) SBQOUF   (b) SBQFOU
(c) SBQUFO   (d) SBQUOF

13. 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/numbers of consonants/vowels in the word)

Virology : Viruses

(a) Craniology : Kidney
(b) Palaeography : Writings
(c) Zoology : Plants
(d) Entomology : Liver

14. In a certain code language, 'CHERRY' is written as 'CFAWPP' and 'LEMONS' is written as 'KCJQLM'. How will 'FRUITS' be written in that language?

(a) SPCQSG   (b) SPDQRF
(c) SPDQRG   (d) SPCQRF

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

General Intelligence

1. Krish defeated the only brother of the daughter of his paternal grandmother while playing a board game, how is the defeated person related to Krish's mother?

(a) Husband   (b) Brother
(c) Son   (d) Father

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

G _ D _ A _ F D _ A I F _ _ A _ F D S _

(a) F S G S D S G A
(b) F T G S D S G A
(c) F T H S D S H A
(d) F S H S D S J A

3. 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.

Statement :
All shoes are slippers.
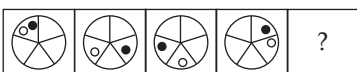All slippers are socks.
All socks are sandals
Conclusions:
(I) Some sandals are slippers
(II) Some socks are shoes.
(III) All sandals are shoes.

(a) Both Conclusion I and III follow.
(b) Both Conclusion II and III follow.
(c) Both Conclusion I and II follow.
(d) Only Conclusion I follows.

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

(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. (Note: the given words may or may not be meaningful words).

1. Generation
2. Govern
3. Gender
4. Geothermal
5. Generous

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

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

(a)   (b)

(c)   (d)

7. In a certain code language, 'GUITAR' is written as 'UGSHAJ' and 'PIANO' is written as 'LSANM'. How will 'DRUMS' be written in that language?

(a) XJGOI   (b) XIOGJ
(c) XGOIJ   (d) IOGJX

8. In a certain code language, 'FINGER' is written as '31' and 'HOLIDAY' is written as '24'. How will 'WHOLE' be written in that language?

(a) 63   (b) 43
(c) 23   (d) 33

9. Which letter-cluster will replace the question mark (?) and complete the given series?
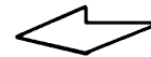
VEIL, XGKJ, ?, BKOF, DMQD

(a) ZINH   (b) ZING
(c) ZJMH   (d) ZIMH

10. 'ENT 2' is related to 'FPW 4' in a certain way. In the same way, 'OPD 5' is related to 'PRG 10'. Which of the following is related to 'FAH 6' using the same logic?

(a) EYE 12   (b) DYE 3
(c) ECE 3   (d) EYE 3

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

(a)   (b)

(c)   (d)

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

Naïve : Ingenuous :: Intelligible : ?

(a) Natural
(b) Understandable
(c) Unworthy
(d) Difficult

13. 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.)

Marker : Whiteboard

(a) Pen : Paper
(b) Door : Latches
(c) Table : Chair
(d) Type : Letters

14. 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:

General Intelligence

1. In a certain code language, 'BOTTLE' is written as 'YTGJQY' and 'PLATES' is written as 'FQUXJY'. How will 'PICNIC' be written in that language?
   (a) HNVHMT   (b) HNUHNS
   (c) HNVHNS   (d) HNUHNT

2. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
   1. Evacuate   2. European
   3. Etymologist 4. Eudemonic
   5. Eurotium   6. Eucalypt
   (a) 3, 6, 4, 2, 5, 1
   (b) 3, 6, 4, 2, 1, 5
   (c) 3, 2, 6, 4, 5, 1
   (d) 3, 6, 2, 4, 5, 1

3. 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)

   Lace : Shoe

   (a) Clip : Hair
   (b) Bud : Flower
   (c) Salt : Pepper
   (d) Lemon : Fruit

4. If,
   'B % D' me'B is the brother of D',
   'B & D' me'B is the mother of D',
   'B × D' me'B is the husband of D',
   'B # D' me'B is the sister of D',
   'B $ D' me'B is the son of D',
   'B @ D' me'B is the father of D',
   then how is P related to U in the following expression?

   P $ Q × R # S % T $ U

   (a) Nephew
   (b) Son
   (c) Grandson
   (d) Great-grandson

5. 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)

   Bird : Nest

   (a) King : Flat
   (b) Pig : Stable
   (c) Bee : Hive
   (d) Watchman : Prison

6. Select the option that represents the correct order of the given words as they would appear in an English dictionary. (Note: the given words may or may not be meaningful words).
   1. Margin   2. Manage
   3. Maximum   4. Measurement
   5. Marriage
   (a) 2, 1, 5, 3, 4   (b) 2, 3, 5, 1, 4
   (c) 4, 2, 1, 5, 3   (d) 4, 2, 3, 5, 1

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 / 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)
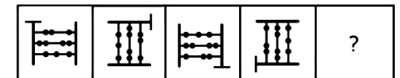
   (4, 2, 8)
   (15, 11, 64)
   (a) (45,40,125)   (b) (29,19,729)
   (c) (11,7,81)   (d) (17,10,1331)

8. In a certain code language, 'COURT' is coded as '5-77', 'CASE' is coded as '4-28'. How will 'LAWYER' be coded in that language?
   (a) 6-48   (b) 6-84
   (c) 7-84   (d) 7-48

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

   (a)   (b)

   (c)   (d)

10. In a certain code language, 'MOSQUE' is written as '92', 'TEMPLE' is written as '111', how will 'CHURCH' be written in that language?
    (a) 128   (b) 125
    (c) 121   (d) 118

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.

    Statement:
    Some figs are orange.
    All oranges are grapes.
    All mangoes are oranges.
    Conclusions:
    (I) Some figs are grapes.
    (II) All mangoes are grapes.
    (III) Some mangoes are figs.
    (a) Both Conclusions I and III follow.
    (b) Only Conclusion I follows.
    (c) Both Conclusions II and III follow.
    (d) Both Conclusions I and II follow.

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

    (a)   (b)

    (c)   (d)

General Intelligence

1. In a certain code language, 'he loves children' is written as 'AA CC PP', 'children like candies' is written as 'ZZ PP QQ' and 'she loves candies' is written as 'QQ AA NN'. What is the code for the word 'like' in that language?

(a) NN   (b) QQ
(c) PP   (d) ZZ

2. Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
NOI _ _ _ RCN _ _ _ AERCN_IT_ ERC_OITA _ _ C

(a) TAEOITOANER
(b) TONERATEAIO
(c) TOANERTAEOI
(d) TEAIOTONERA

3. In a certain code language, 'LENGTH' is written as 'MDKGSF' and 'ESCAPE' is written as 'BRDDOZ'. How will 'MARGIN' be written in that language?

(a) QZLFHM   (b) QZLFMH
(c) QLZMHF   (d) QZLMHF

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.
CREATION : ETGCVKQP :: UNIVERSE : WPKXGTUG :: PLANET : ?

(a) RPGVNC   (b) RPCGVN
(c) RNCPGV   (d) RCPNGV

5. In a certain code language, 'CHOICE' is written as '53', 'CHARGE' is written as '52', how will 'CHANCE' be written in that language?
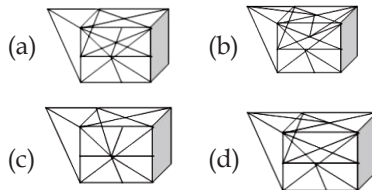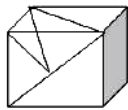
(a) 44   (b) 48
(c) 50   (d) 54

6. Which two numbers (not the digits of the numbers) and two signs should be interchanged to make the given equation correct?

$25 \div 12 \times 5 - 36 + 24 = 72$

(a) 36 and 25; × and +
(b) 24 and 5; + and −
(c) 5 and 12; × and −
(d) 5 and 12; + and −

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

8. Which letter-cluster will replace the question mark (?) and complete the given series?
UZVD, SCTG, ?, OIPM, MLNP

(a) QFSJ   (b) PFSJ
(c) PFRJ   (d) QFRJ

9. Select the option that represents the correct order of the given words as they would appear in an English dictionary.(Note: the given words may or may not be meaningful words).

1. Economist
2. Earlier
3. Ecology
4. Embarrass
5. Emergency

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

10. Which of the following numbers will replace the question mark (?) in the given series?
13, 21, ?, 69, 133

(a) 52   (b) 37
(c) 33   (d) 41

11. In a certain code language, 'CATHOLIC' is written as '79', 'AUDIENCE' is written as '70', how will 'ASSEMBLY' be written in that language?

(a) 108   (b) 104
(c) 109   (d) 100

12. 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 / 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)
(7, 35, 42), (4, 20, 24)

(a) (12, 60, 48)   (b) (6, 36, 48)
(c) (9, 45, 54)   (d) (8, 56, 72)

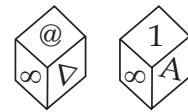**13.** 'A # B' me'A is the brother of B'.
'A @ B' me'A is the daughter of B'.
'A & B' me'A is the husband of B'.
'A % B' me'A is the wife of B'.
If V & S @ F % H # T @ Q, then how is V related to H?
(a) Daughter's husband
(b) Father
(c) Father's father
(d) Wife's father

14. Two positions of a cube are shown. What will come opposite to the face showing '@'?

(a) ∇   (b) 1
(c) ∞   (d) A

15. In a code language, 'BRACE' is written as 'GECTD' and 'DORM' is written as 'OTQF'. How will 'INQUEST' be written in that language?

(a) VUGWSTJ   (b) VUGWSPJ
(c) VUGWSPK   (d) VUGWSTK

16. 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.

General Intelligence

(a) Select the option that represents the correct order of the given words as they would appear in an English dictionary. (Note: the given words may or may not be meaningful words).

1. Judgement 2. Journal
3. Jurisdiction 4. Juice
5. Journey

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

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

1. Defeat 2. Decline
3. Delegate 4. Deliberately
5. Dedicate 6. Demanding

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

3. 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.)

Milk : Curd :: Grape : ?_____

(a) Fruit   (b) Sour
(c) Green   (d) Wine

4. In a certain code language, 'SHOUT' is written as '10110' and 'COLOUR' is written as '110110'. How will 'OCEAN' be written in that language?

(a) 10101   (b) 11010
(c) 11110   (d) 11001

5. Two different positions of the same dice are shown, having letters H, I, J, K, L and M written on its faces are shown.
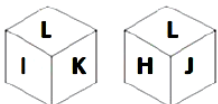
Which letter is one the face opposite to the face having H on it?

(a) K   (b) I
(c) J   (d) M

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

EFGH, FEHG, ?, HCJE, IBKD

(a) GDIF   (b) GDHE
(c) GDIE   (d) GDHF

7. Select the option in which the given

(a)   (b)

(c)   (d)

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:
Some C are P.
No C is a T.
All P are S.

Conclusions:

I. All S being C is a possibility.

II. At least some T are not C.

III. Some P are not T's.

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

9. 'A # B' me'A is the brother of B'.
'A @ B' me'A is the daughter of B'.
'A & B' me'A is the husband of B'.
'A % B' me'A is the wife of B'.

If V & R @ F % H # T @ M, then how is R related to M?
(a) Son's daughter
(b) Daughter's daughter
(c) Daughter
(d) Husband's mother

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

A _ _ R T A _ E _ T _ C E R _ A C _ _ T

(a) C E C R B T E R
(b) C E D S A T E R
(c) C E C R A T E R
(d) C E C S A T E R

11. Select the correct mirror image from the following options when the mirror is placed on the right side of the problem figure.

(a)   (b)

(c)   (d)

12. In a certain code language, 'CAMERA' is written as '242', 'BROKEN' is written as '194', how will 'CENTRE' be written in that language?

(a) 198   (b) 200
(c) 190   (d) 194

13. In a certain code language, 'players like fitness' is written as 'ab ef op', 'fitness is good' is written as 'op xy uv' and 'players are good' is written as 'uv ef qr'. What is the code for the word 'like' in that language?

(a) ab   (b) ef
(c) op   (d) xy

General Intelligence

1. Select the option that is related to the third term in the same way as the second term is related to the first term.
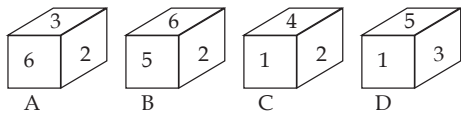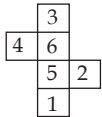
   AMOUNT : QWYKXJ : : MARKET : : ?

   (a) INEAOX
   (b) EIONXA
   (c) EOIXNA
   (d) IENOAX

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

   L_RTLP_T_PR_L_RT

   (a) P, L, R, T, P
   (b) T, P, L, R, T
   (c) T, L, P, T, R
   (d) P, R, L, T, P

3. Select the box (es) that can be formed by folding the given sheet along the lines (the number are shown to indicate the sides only).

   (a) Only D
   (b) Only A
   (c) A and B
   (d) A and C

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

   306 ÷ 17 + 4 − 50 × 8 = 30

   (a) + and −
   (b) + and ×
   (c) ÷ and ×
   (d) × and −

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

   1. Champion 2. Collinear
   3. Charges   4. Condition
   5. College

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

6. 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 television is a candle.
   All candles are boats.
   Conclusions:
   I. No television is a boat.
   II. No boat is a television.
   III. Some boats are candles.
   IV. All boats are candles.

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

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

   Seismology : Earthquakes : : Entomology : ?

   (a) Skulls
   (b) Eggs
   (c) Insects
   (d) Shells

8. In a certain code language, 'MARKET' is written as 'DJNOWB'. How will 'DETAIL' be written in that language?

   (a) HADQOF
   (b) AHQDFO
   (c) HGDWOL
   (d) BAXQIF

9. In a certain code language, 'SIGN' is coded as '3614' and 'RISK' is coded as '7639'. How will 'KING' be coded in that language?

   (a) 3461
   (b) 3641
   (c) 9641
   (d) 9614

10. 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 rhombuses are tangents.
    All chords are tangents.
    Conclusions:
    I. Some rhombuses being chords is a possibility.
    II. Some tangents are rhombuses.

    (a) Neither conclusion I nor II follows
    (b) Only conclusion I follows
    (c) Both conclusions I and II follow
    (d) Only conclusion II follows

11. 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 : 44 : : 6 : ? : : 9 : 76

    (a) 32
    (b) 33
    (c) 34
    (d) 31

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

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

13. A is married to B, whose sister C is the daughter of D. E is the son of D and has only one sister. F is the niece of E. D has three children. C is unmarried. How is A related to F?

    (a) Grandmother
    (b) Father
    (c) Aunt
    (d) Mother

14. In a certain code language, 'LATEX' is written as 'OFGJC', and 'RIGHT' is written as 'INTSG. How will 'SMILE' be written in that language?

    (a) HNJNO
    (b) HNONJ
    (c) HJNON
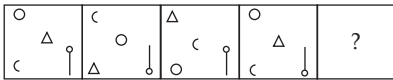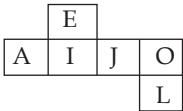   (d) HNNOJ

General Intelligence

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

(a)   (b)

(c)   (d)

2. A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters will be on opposite sides?

(a) J and U   (b) I and U
(c) E and J   (d) I and O

3. In a certain code language, 'SPIRIT' is coded as '65' and 'DENSE' is coded as '83'. How will 'LOGICAL' be coded in that language?

(a) 132   (b) 123
(c) 231   (d) 213

4. In a certain code language, 'GLOBE' is written as 'HYRIJ', and 'CODES' is written as 'VBGLF. How will 'SMART' be written in that language?

(a) WODJV   (b) VDKWO
(c) VKDOW   (d) WDOVJ

5. 'D ≡ G' me'D is the sister of G'.
'D Δ G' me'D is the husband of G'.
'D ∇ G' me'D is the daughter of G'.
'D ∃ G' me'D is the mother of G'.
'D ∞ G' me'D is the brother of G'.
Which of the following expressions denotes that 'S is the husband of M'?
(a) S ∞ H ≡ L ≡ Q ∃ M
(b) Q ∇ M ∃ H ≡ L ∃ S
(c) M ∃ Q Δ L ≡ H ∃ S
(d) M ∃ Q ≡ L ∞ H ∇ S

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.

REGARD : GODDHO : : SQUARE : ?

(a) HDOTRP   (b) HODRTP
(c) VNXDNI   (d) VXNNDI

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

1. Marathon
2. Manuscript
3. Marvellous
4. Manipulation
5. Management
6. Mandatory

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

8. In a certain code language, 'YEARS' is written as 'AERSY'. How will 'SPRING' be written in that language?

(a) GINPRS   (b) INSRGP
(c) GINRPS   (d) NIRSGP

9. Select the option which is related to the third word in the same way as the second word is related to the first word.

Gardener : Harrow :: Cobbler : ?

(a) Chisel   (b) Plough
(c) Saw   (d) Awl

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

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

11. 'Active' is related to 'Idle' in the same way as 'Brief' is related to '_____'.

(a) Short   (b) Introduction
(c) Long   (d) Case

12. Nishal and Suman are brothers. Priti's son Viplav is the brother of Sanjana. Srinivas is the father of Nishal. Suman and Priti are a married couple and have one son and one daughter. How is Sanjana related to Srinivas?

(a) Grandson
(b) Daughter-in-law
(c) Niece
(d) Granddaughter

13. 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 caskets are tapes.
Some tapes are sachets.
Conclusions:
I. No sachet is a casket.
II. No tape is a casket.
III. Some sachets are caskets.

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

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

(a)   (b)

(c)   (d)

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

12 + 156 ÷ 13 × 6 − 100 = 50

General Intelligence

1. In a certain code language, 'GASTRIC' is coded as 7119201833 and 'FREEDOM' is coded as 618224413. How will 'BOARDING' be coded in that language?

- (a) 2411849137
- (b) 2411843147
- (c) 2411744147
- (d) 2611943147

2. 'A @ B' me'A is the son of B'.
'A & B' me'A is the brother of B'.
'A # B' me'A is the wife of B'.
'A ^ B' me'A is the husband of B'.
'A + B' me'A is the father of B'.

If Y + M & T # J @ H # R @ P ^ Q, then which of the following statements is correct?

- (a) P is the maternal grandfather of J.
- (b) Y is the father-in-law of J.
- (c) R is the father of T.
- (d) Q is the mother of H.

3. In a certain code language, PRIEST is written as AVJMOK and FULL is written as XYQQ. How will FLIRT be written in that language?

- (a) XQJVK
- (b) RQJVK
- (c) XQJYK
- (d) XSJVK

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.

Gerontology : Old age : : Histology : ?
- (a) Food
- (b) Emotions
- (c) Tissues
- (d) History

5. If 'A @ B' me'A is the mother of B' and 'A % B' me'A is the brother of B', then which of the following statements is correct for the given expression?

G @ P % U % V @ R

- (a) U is the father of R.
- (b) G is the mother of V.
- (c) R is the daughter of G.
- (d) U is the sister of R.

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

t f g 4 3 2 A q M

- (a) Mp∀ᘔƐⱯϱ11
- (b) MpAᘔƐⱯϱ11
- (c) WpAᘔƐⱯϱ11
- (d) MpAᘔƐⱯϱ11
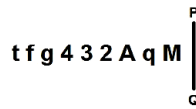
7. Select the number from among the given options that can replace the question mark (?) in the following series.

26, 28, ?, 176, 706, 3532

- (a) 125
- (b) 52
- (c) 120
- (d) 58

8. Four different positive of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having '1'.
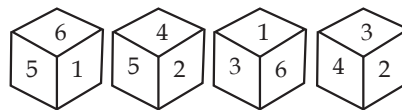
- (a) 3
- (b) 5
- (c) 6
- (d) 2

9. In a certain code language, SIXER is coded as 75. How will COLOUR be coded in that language?
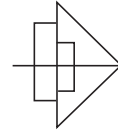
- (a) 84
- (b) 80
- (c) 89
- (d) 74

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.

Osteology : Bones :: Myology : ?
- (a) Skull
- (b) Soil
- (c) Fungi
- (d) Muscles

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

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

12. In a certain code language, MUSICAL is written as NATODEM and CREATE is written as DSIEUI. How will STEROID be written in that language?
- (a) TRISAOE
- (b) TUFSNOE
- (c) TUIQIOE
- (d) TUISUOE

13. In a certain code language, MOSAIC is coded as 47-68 and USEFUL is coded as 45-42. How will FLYING be coded in that language?
- (a) 39-46
- (b) 43-51
- (c) 30-44
- (d) 43-53

14. In a certain code language, TORCH is written as XOVGL and LEMON is written as PEQOR. How will MANDATE be written in that language?
- (a) QARHAXE
- (b) QERIAXE
- (c) QARHEXI
- (d) RERHAYE

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

1. Cautious
2. Cauliflower
3. Caught
4. Calculate
5. Calcify
6. Callous
7. Cauldron

- (a) 5, 4, 6, 7, 3, 2, 1
- (b) 5, 4, 6, 3, 7, 2, 1
- (c) 5, 4, 6, 3, 2, 7, 1
- (d) 5, 6, 4, 3, 7, 2, 1

General Intelligence

1. 'A @ B' me'A is the sister of B'.
   'A & B' me'A is the brother of B'.
   'A # B' me'A is the wife of B'.
   'A ^ B' me'A is the mother of B'.
   'A + B' me'A is the father of B'.
   If 'L ^ U @ R ^ P # J + N & D @ S', then which of the following statements is NOT correct?
   (a) U is the maternal grandmother of J.
   (b) L is the maternal grandmother of P.
   (c) R is the maternal grandmother of S.
   (d) D is the daughter of P.

2. W is the son of D. C is the daughter of D's son. P's sister N is married to W. D is the husband of K. How is K related to C?
   (a) Paternal aunt
   (b) Paternal grandmother
   (c) Mother
   (d) Maternal grandmother

3. Select the option that is related to the third term in the same way as the second term is related to the first term.
   FREQUENT : RFSGUOFV :: NOMINATE : ?
   (a) JNQOFBUO (b) NJPOGUBO
   (c) JNPOFUBO (d) JNPOUFOB

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

5. Four different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having '1'.

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

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

7. In a certain code language, UNDER is coded as 61323229. How will FLORINA be coded in that language?
   (a) 2115129181326
   (b) 2112159161326
   (c) 2015129181426
   (d) 2015121891301

8. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
   a _ d _ _ b i k a c _ b a b _ k _ c _ b a _ i k
   (a) c b a i d a d b
   (b) c d a d i a d b
   (c) c b a d i a b d
   (d) c b a d i a d b

9. Which two numbers (not digits) and two signs need to be interchanged to make the given equation correct?
   240 ÷ 20 − 16 × 14 + 120 = 175
   (a) 240 and 120; ÷ and −
   (b) 14 and 16; + and −
   (c) 16 and 20; − and +
   (d) 240 and 16; ÷ and +

10. In a certain code language, 'EMPTY' is written as AVROG and 'PUSH' is written as JUWR. How will 'ASPIRE' be written in that language?
    (a) GTKSUD (b) CTKURG
    (c) GTLRVC (d) GTKRUC

11. Select the correct mirror image of the given combination when the mirror is placed at line PQ as shown.

    e f q w G Z 4 R

    (a) Я4ƵⅩGwqʇǝ
    (b) Я4ƵⅩGwqʇǝ
    (c) ǝʇqwGƵⅩ4R
    (d) Я4ƵⅩGwqʇǝ

12. In a certain code language, 'JURY' is coded as 1397 and 'DOCK' is coded as 4632. How will 'FACTORIAL' be coded in that language?
    (a) 613368913 (b) 614269912
    (c) 612368813 (d) 613269913

13. In a certain code language, 'he was invited' is written as 'nu vu du', 'she invited them' is written as 'hu du ru' and 'she was there' is written as 'tu vu ru'. How will 'there' be written in that language?
    (a) ru (b) tu
    (c) vu (d) du

14. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
    RENAME : GTCPGO :: CLOSED : ?
    (a) NDVQFG (b) MEURFG
    (c) NEUQGH (d) NEUQFG

15. Select the option that is related to the third word in the same way as the second word is related to the first word.
    Colony : Ants : : Plumage : ?
    (a) Feathers (b) Bones
    (c) Animals (d) Bricks

16. 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 jugs are bottles.
    No bottle is a candy.
    All spoons are bottles.
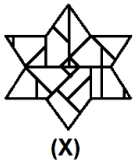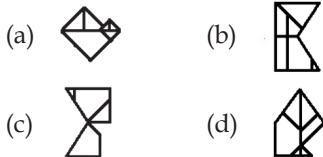
General Intelligence

1. Select the option that is imbedded in the given figure (X) Rotation is NOT allowed.

(X)

(a)   (b)

(c)   (d)

2. In a certain code language, FORK is written as JKVG and COARSE is written as GKENWA. How will TERMITES be written in that language?

(a) XAVIMXAO
(b) XAVIMPIO
(c) PIVIMPIW
(d) YANIMPIO

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

31, 35, 51, 87, 151, ?, 395

(a) 251   (b) 262
(c) 187   (d) 215

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

PUZKR : TPFDZ :: KRTOD : ?

(a) PNZHL   (b) OMYIL
(c) OMZHM   (d) OMZHL

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

b _ c _ d _ k b _ _ a _ e k b b _ a d _ k

(a) b a e b c d e c
(b) b e a b c d c e
(c) b a e b c d c e
(d) b a e d c d c k

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

1. Letter
2. Lexicon
3. Latitude
4. Leverage
5. Lovable
6. Levy
7. Latent

(a) 7, 3, 1, 6, 4, 2, 5
(b) 7, 3, 1, 2, 6, 4, 5
(c) 7, 3, 1, 4, 2, 6, 5
(d) 7, 3, 1, 4, 6, 2, 5

7. In a certain code language, SICK is coded as 168 and TAR is coded as 117. How will NOMAD be coded in that language?

(a) 235   (b) 290
(c) 245   (d) 321

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

Pulmonologists : Lungs ::
Nephro-logists : ?

(a) Testes   (b) Liver
(c) Kidneys   (d) Bones

9. In a certain code language, 'BROTHER' is written as CSQUIGS and 'MAGIC' is written as NCHKD. How will 'SWEATING' be written in that language?

(a) TYGCVKOH
(b) TXGBUKOI
(c) TXFCUJOH
(d) TXGCUKOH

10. In a certain code language, FROLIC is written as ROLIFC and LOBSTER is written as TSROLEB. How will MANGROVE be written in that language?

(a) RVNOMGEA
(b) VORMNGEA
(c) VRONGMEA
(d) VRONMGEA

11. 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 handkerchiefs are plastics.
All clothes are handkerchiefs.
All utensils are clothes.

Conclusions:
I.   Some plastics are handkerchiefs.
II. All utensils are plastics.
III. Some handkerchiefs are utensils.

(a) Only Conclusions I and III follow.
(b) Only Conclusion I follows.
(c) Only Conclusions II and III follow.
(d) Only Conclusions I and II follow.

12. In a certain code language, ROCKET is coded as 184311220 and PLUNGE is coded as 161251472. How will TANGLE be coded in that language?

(a) 201648122
(b) 201147125
(c) 201147122
(d) 201137122

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

Professor : Education : : Soldier : ?

(a) Country   (b) Defence
(c) Patriotism (d) Uniform

14. In a family, N's wife H is the only daughter of G. D and R are brothers. J's father is married to P's daughter. V's only sister G is married to P. R is the son of P. Which of the following statements is correct?

(a) V is the paternal aunt of H.
(b) G is the father of N.
(c) P is the maternal grandfather of J.
(d) D is the son of N.

General Intelligence

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

   83 : 121 : : 12 : ?

   (a) 9   (b) 3
   (c) 76   (d) 54

2. 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:
   1. Some students are boys
   2. All boys are honext.
   3. Some honest are toppers.
   Conclusions:
   I. Some toppers are boys
   II. Some honest are boys.
   III. Some honest are students.
   IV. Some toppers are students.
   (a) Only conclusion IV follows
   (b) Only conclusions I, II and IV follow
   (c) Only conclusions I and IV follow
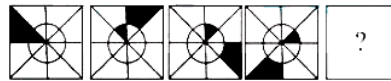   (d) Only conclusions II and III follow

3. Amar is the brother of Babul. Babul is the sister of Krishna and Krishna is the father of Durga, who is his only daughter. How is Durga related to Amar?
   (a) Mother   (b) Sister
   (c) wife   (d) Nephew

4. In a code language, SICK is written as JBHR. How will CURE be written in the same language?
   (a) GHRT   (b) DATR
   (c) JRCG   (d) DQTB

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

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

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:
   1. All boats are cats.
   2. All cats are bats.
   3. All bats are rabbits.
   Conclusions:
   I. All cats are rabbits
   II. All bats are boats
   III. All boats are rabbits.
   (a) Only conclusions II and III follow
   (b) Only conclusions I and III follow
   (c) Only conclusions I and II follow
   (d) Only conclusion I follows

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

   Anemomenter : Wind :: Sphygmomanometer : ?

   (a) Pressure   (b) Strains
   (c) Blood pressure (d) Humidity

8. 'Prayer' is related to 'Temple' in the same way as 'Study' is related to '_____'.
   (a) Exam   (b) School
   (c) Book   (d) Teacher

9. If in a code language, BOX is written as 31425 and FUN is written as 72015, then how will LION be written in the same language?
   (a) 1381415   (b) 13101615
   (c) 3184115   (d) 16151310

10. Three different positions of the same cube are shown (figures A, B and C). Select the digit that will be on the face opposite to the face having the digit '3'.
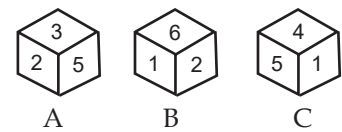
   A   B   C
   (a) 4   (b) 6
   (c) 5   (d) 1

11. In a code language, PERSONNEL is written as EELNNOPRS. How will INDIVIDUAL be written in the same language?
   (a) ADDILINUV (b) ACDIIILNUV
   (c) ADDIIILNUV (d) ADDITINUVA

12. Select the number that can replace the question mark(?) in the following series.

   3, 2, 2, 3, 8, ?

   (a) 35   (b) 28
   (c) 7   (d) 15

13. Arrange the following words in a logical and meaningful order.
    1. Vacancy   2. Examination
    3. Job   4. Study
    5. Admission 6. Degree
    (a) 5, 4, 2, 6, 1, 3 (b) 1, 2, 4, 6, 5, 3
    (c) 5, 4, 1, 2, 6, 3 (d) 1, 3, 4, 6, 5, 2

14. In a code language, BOOK is written as CMRS. How will COPY be written in the same language?
    (a) DQSC   (b) DMRD
    (c) DMRE   (d) DMRZ

15. If $6 \div 2 \# 3 = 9$ and $24 \div 6 \$ 4 = 8$, then what will be the value of the given expression?

    21 # 3 $ 7

    (a) 49   (b) 9
    (c) 14   (d) 70

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

General Intelligence

1. 'East' is related to 'West' in the same way as 'North-east' is related to '_____'.
   - (a) South-east
   - (b) South-west
   - (c) North
   - (d) South

2. In a code language, if CHAIR is written as 25 and BOTTLE is written as 36, then how will CAUTION be written in the same language?
   - (a) 64
   - (b) 49
   - (c) 69
   - (d) 81

3. Sellect the correct option that indicates the arrangement of the following words/phrases in a logical and meaningful order.
   1. Police investigation
   2. Punishment
   3. Court hearing
   4. Crime
   - (a) 3, 1, 4, 2
   - (b) 4, 1, 3, 2
   - (c) 4, 3, 2, 1
   - (d) 4, 1, 2, 3

4. Select the correct mirror image of the given combination when the mirror is placed to its right side.

   9 3 4 e k d A
   - (a) ∀ b ʞ ǝ 4 Ɛ Ɛ
   - (b) A b ʞ ǝ 4 e d 9
   - (c) A b ʞ ǝ 4 Ɛ Ɛ
   - (d) A b ʞ ǝ 4 Ɛ Ɛ

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

   5 : 375 : : 9 : ?
   - (a) 1985
   - (b) 2187
   - (c) 727
   - (d) 465

6. In a code language, FACIAL is written as CAFLAI. How will PARDON be written in that language?
   - (a) RPANDO
   - (b) RPANOD
   - (c) RAPDNO
   - (d) RAPNOD

7. Which number will replace the question mark (?) in the following series?

   21, 43, 45, 91, 93, ?
   - (a) 99
   - (b) 185
   - (c) 95
   - (d) 187

8. Raj is married to Urmi, who is the daughter of Kanti, Dixit is the son of Kanti's only child. Gagan is Raj's son. How is Gagan related to Dixit's mother?
   - (a) Son
   - (b) Brother
   - (c) Nephew
   - (d) Uncle

9. Select the dices that can be formed by folding the given sheet.
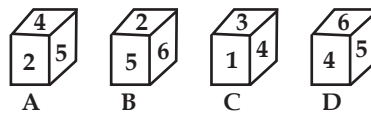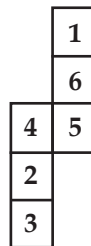
   - (a) Only A and D
   - (b) Only B and C
   - (c) Only A, C and D
   - (d) Only A and C

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

    c _ _ r n _ c f _ r n p _ f x _ n p
    - (a) x f p x n r
    - (b) f p c x r c
    - (c) f x r n c p
    - (d) f x p x c r

11. 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 dustbins are plastics.
    All geysers are plastics.
    Conclusions:
    I. Some geysers are dustibins.
    II. No geyser is a distbin.
    - (a) Both the conclusions I and II follow
    - (b) Only conclusion II follows
    - (c) Either conclusion I or II follows
    - (d) Only conclusion I follows

12. 'Motherboard' is related to 'Computer' in the same way as 'Picture-tube' is related to'____'.
    - (a) Machine
    - (b) Televisions
    - (c) Electricity
    - (d) Images

13. In a code language, if MOTHER is written as 2630408518, then how will GAMING be written in the same language?
    - (a) 162269137
    - (b) 72269147
    - (c) 142269147
    - (d) 1422681414

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

    DORMA : DPURG : : CASTO : ?
    - (a) RWVDF
    - (b) RVVDG
    - (c) FDPWZ
    - (d) TVWEF

15. In a code language, if TARGET is written as 17 and SILK written as 15, then how will FROST be written in the same language?
    - (a) 55
    - (b) 87
    - (b) 111
    - (d) 77

16. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
    1. Predator
    2. Prejudice
    3. Prevalent
    4. Prepare
    5. Precaution
    - (a) 4, 1, 2, 5, 3
    - (b) 5, 2, 1, 4, 3
    - (c) 5, 1, 2, 3, 4
    - (d) 5, 1, 2, 4, 3

17. In a code language, MAGIC is written as QBKJG. How will FIEST be written in that language?

General Intellingence

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:
   No photographer is an architect.
   All engineers are photographers.
   All postmen are architects.
   Conclusions:
   I. No engineer is an architect.
   II. No engineer is a postman.
   III. NO photographer is a postman.

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

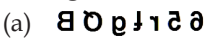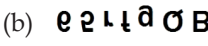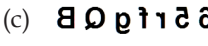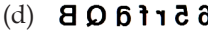2. Which two signs should be interchanged to make the given equation correct?

   25 + 21 ÷3 – 35 × 5 = 81

   (a) + and –   (b) ÷ and ×
   (c) + and ×   (d) × and –

3. In a code language, if FASTER is written as 2118759 and MONK is written as 14151316, then how will GUARD be written in the same language?

   (a) 20211923   (b) 2061923
   (c) 19211922   (d) 7211922

4. Select the correct mirror image of the given combination when the mirror is placed to its right side.

   65 r f g Q B

   (a) ᗺƠөʇɟɹϛმ
   (b) ϱϚꞓʇɹᗺ♂B
   (c) ᗺϘөʇɟᘐ
   (d) ᗺϘөʇɟɹϛმ

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

   L _ _ K C _ O Q _ C L O _ _ C

   (a) OQLOQC   (b) QOLKQK
   (c) OKOQCQ   (d) OQLKQK

6. In a code language, TONGUE is written as FHOPUV. How will RADIUM be written in that language?

   (a) CGKORW   (b) BEJNSV
   (c) BEJVSN   (d) BFNJVS

7. In a code language, PASTORAL is written as TSAPLARO. How will SEMESTER be written in that language?

   (a) EMESERST   (b) EMSEREST
   (c) EMSEERTS   (d) EMESRETS

8. In a code language, if RELATED is written as 72, t hen how will FRANCE be written in the same language?

   (a) 47   (b) 53
   (c) 63   (d) 57

9. In a code language, if REAL is written as 365152, then how will CART be written in the same language?

   (a) 611938   (b) 313620
   (c) 611840   (d) 311820

10. Which number will replace the question mark (?) in the following series?

    83, 149, 230, 327, ?

    (a) 441   (b) 447
    (c) 436   (d) 439

11. Pointing to the photograph of Vatsalya, Janhvi said, "He is my borother's paternal grandfather's wife's only son". How is Vatsalya related to Janhvi's mother?

    (a) Brother   (b) Son
    (c) Father   (d) Husband

12. Select the option that is related to the third number in the same way as the second number is related to the first nubmer.

    14 : 238 : : 22 : ?

    (a) 550   (b) 270
    (c) 655   (d) 440

13. Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

    LZS : ODX : : KRA : ?

    (a) NVF   (b) NVE
    (c) MVG   (d) NUF

14. If 'A $ B' means 'A is the sister of B', 'A % B' means 'A is the father of B' and 'A # B' means 'A is the mother of B', then how is K related to Z in the following expression?

    K # Q $ L % Z # T

    (a) Maternal grandmother
    (b) Paternal Grandmother
    (c) Mother
    (d) Mother-in-law

15. In a code language, SEWING is written as RDVJOH. How will CARPET be written in that language?

    (a) BZQQFU   (b) BZQOFV
    (c) BBQRFU   (d) DBSQFU

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

    (a)   (b)

    (c)   (d)

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

    u _ d m _ p _ r _ m o _ u _ d _ o p

    (a) r o u p o r m
    (b) p o u d p d m
    (c) r o u d p r m
    (d) r o d p u r p o

General Intelligence

1. 'A @ B' means 'A is the father of B'.
'A * B' means 'A is the brother of B'.
'A $ B' means 'A is the sister of B'.
'A $ B' means 'A is the sister of B'.
If Q*Z*M@K$T@U*N, then which of the following statements is NOT correct?
(a) Q is the paternal uncle of T.
(b) K is the mother of N.
(c) U is the paternal grandson of M.
(d) M is T's father.

2. Select the option figure that is NOT embedded in the given figure (rotation is NOT allowed).
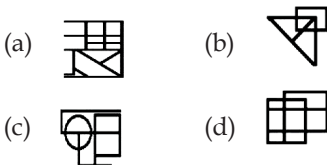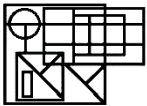
(a) (b)
(c) (d)

3. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Manager 2. Mango
3. Manifest 4. Mandate
5. Maintain
(a) 5, 1, 4, 3, 2 (b) 1, 4, 2, 3, 5
(c) 5, 1, 4, 2, 3 (d) 1, 4, 2, 5, 3

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

(a) (b)
(c) (d)
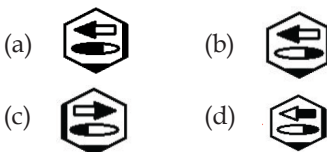
5. In a code language, if RESERVOIR is written as 9 and PRESERVING is written as 10, then how will CONGRATULATION be written in the same language?
(a) 15 (b) 13
(c) 11 (d) 14

6. Which letter will be on the face opposite to the face showing 'R' when the given sheet is folded to form a cube?

J	A	M	
	D	R	B

(a) A (b) M
(c) J (d) D

7. In a code language, if DECISION is written as 42231819181214, then how will PERIDERM be written in the same language?
(a) 112418184221814
(b) 16221894201713
(c) 162216183221813
(d) 162218184221813

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:
Some machinesa are equipment.
Now machine is a radio.
All TV are radios.
Conclusions:
I. Some equipment are machines.
II. No TV is a machine.
III. Some radios are TV.
(a) All of the conclusions follow
(b) Only conclusions I and II follow
(c) Only conclusions II and III follow
(d) Only conclusions I and III follow

9. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.
D _ _ K s _ u t K _ D u t _ s D u _ K s
(a) D t D s K t (b) u s D S k t
(c) u t D s K U (d) u t D s K T

10. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.
P _ M _ F _ K M _ F P _ M R _
(a) K R P K P F (b) R K P R K M
(c) K R P R K M (d) K R P R K F

11. In a code language, if SWITCH is written as 91, then how will WARMTH be written in the same language?
(a) 108 (b) 90
(c) 105 (d) 96

12. Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
HSTR : TISU :: QPZM : ?
(a) QRNA (b) QDNF
(c) QRNZ (d) QRSA

13. In a code language, SAYING is written as INGSAY. How will PAUSED be written in that language?
(a) SEPDAU (b) SEDAPU
(d) SDEPAU (d) SEDPAU

14. Select the letter-cluster that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
NEVER : SGYIS :: MASON : ?
(a) OQVER (b) OOVET
(c) NMVER (d) OQWEX

15. 'Pulses' is related to 'Black-Gram' in the same way as 'Cereal' is rfelated to '_____'.
(a) Food (b) Fertilizer
(b) Farmer (d) Wheat

16. In a code language, SANGAM is written as BBHNOT. How will CODING be written in that language?
(a) DEHJOP (b) FQHJOR
(c) DFHKOP (d) DKHJSP