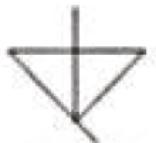


REASONING ABILITY

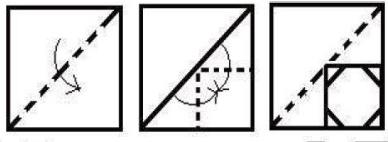
If DIG is coded as 25 and CUT is codes as 49, then how will KICK be coded as ?

Select the option in which the given figure is embedded



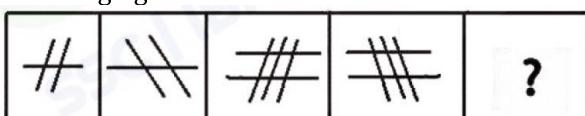
-

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



-

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



- The figure consists of four separate boxes, each containing a set of five horizontal lines. In box (a), three diagonal lines from the top-left to bottom-right are crossed by two horizontal lines. In box (b), two diagonal lines from the top-left to bottom-right are crossed by three horizontal lines. In box (c), one diagonal line from the top-left to bottom-right is crossed by four horizontal lines. In box (d), no diagonal lines are crossed by any horizontal lines.

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

- (9, 35, 16)
(a) (16, 50, 64) (b) (25, 30, 4)
(c) (36, 55, 25) (d) (81, 65, 36)

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

- (3, 24, 4)
(a) (6, 35, 11) (b) (2, 30, 8)
(c) (12, 84, 4) (d) (4, 72, 9)

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

- 8** Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

- 9** In a family of eight persons, there are two couples, each having two children. B and D are brothers and each has two children. E is the aunt of A, who is the cousin brother of C. C is the sister of H, who is the cousin brother of G. F is the wife of B. How is H related to F?

- 0** Arrange the following words in a logical and meaningful order

Buy Dinner

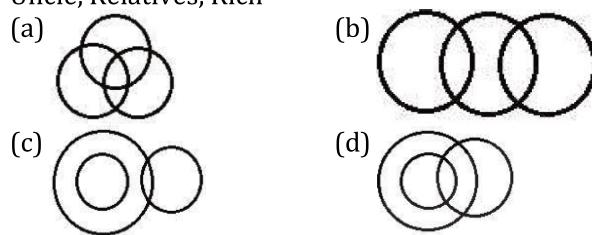
Dinner

3 mark

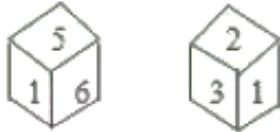
Vegetables

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

- 11** Select the venn diagram that best illustrates the relationship between the following classes
Uncle, Relatives, Rich



- 1** Two different positions of the same dice are shown. Which number will be at the top if 6 is at the bottom?



- 13** 'Lawyer' is related to 'Justice' in the same way as 'Arbitrator' is related to '_____'.
 (a) Judgment (b) Injustice
 (c) Settlement (d) Communication

- 1** Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

(a) Groundnut (b) Mustard
 (c) Cumin (d) Fennel

- 15** Two statements are given followed by three conclusion 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 conclusion logically follow(s) from the statements.

St t t

All rules are machines

Some machines are costly items

C lu

I some rules are costly items

II some costly items are machines

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

- 16** 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.

CEGI : AGEK :: DFHJ : ?
 (a) CHFI (b) CGIK
 (c) BHFL (d) BDJK

- 1** Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

b_bab_bc_abbb_ba_b
 (a) cbbac (b) cbabc
 (c) cbbcb (d) bcbab

- 18** Which number will replace the question mark (?) in the following series?
 3, 7, 16, 35, ?, 153

- (a) 84 (b) 74
 (c) 78 (d) 63

- 19** In the code language, VICTORY is written as CIVSYRO. How will TRAITOR be written as in that language?

- (a) RATHORT (b) RTAJORT
 (c) ARTJOTR (d) ARTHROT

- 0** Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number pair.

- 36 : 84
 (a) 27 : 63 (b) 21 : 51
 (c) 57 : 135 (d) 45 : 95

- 1** Rs 1,875 is divided among A, B and C in such a way that A's share is half of the combined share of B and C, and B's share is one-fourth of the combined share of A and C. By what amount is C's share more than that of A?

- (a) Rs 500 (b) Rs 225
 (c) Rs 250 (d) Rs 200

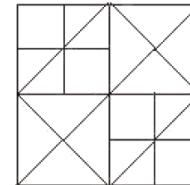
Select the word-pair in which the two words are related in the same way as are the two words in the following word pair

Book : Thesaurus
 (a) Tree : forest (b) Reptile : Python
 (c) Furniture : Wood (d) Tennis : Ball

- 3** Which two signs should be interchanged in the following equation to make it correct?

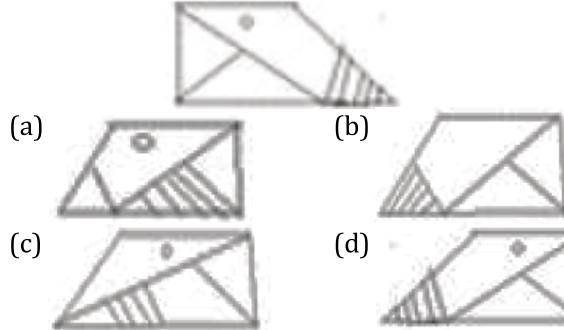
- $12 - 8 + 12 \times 9 \div 3 = 9$
 (a) + and ÷ (b) + and ×
 (c) - and ÷ (d) + and -

How many squares are there in the following figure?



- (a) 12 (b) 16
 (c) 13 (d) 14

- 5** Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



GENERAL AWARENESS

- 9 _____ is the founder of Facebook
(a) Mark Zuckerberg (b) Brian Acton
(c) Jimmy Wales (d) Large Page

50 The Indian National Association was established in 1876 by _____ in Calcutta
(a) Badruddin Tyabji (b) V K Chiplunkar
(c) Anand Mohan Bose (d) Sisir kumar ghosh

QUANTITATIVE APTITUDE

- 5 The table shows the production of different types of cars (in thousands)

Years Cars	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

If the data related to the production of cars of type E is represented by a pie chart, then the central angle of the sector representing the data of production of cars in 2013 will be

- (a) 102° (b) 84°
 (c) 70° (d) 80°

- 5 The table shows the production of different types of cars (in thousands)

Years Cars	2012	2013	2014	2015	2016
A	30	35	48	45	56
B	42	48	40	38	56
C	48	36	38	35	44
D	51	24	30	46	54
E	20	42	40	35	43

What is the ratio of the total production of cars of type A in 2014 and type C in 2013 taken together to the total production of cars of type B in 2016 and type E in 2015 taken together?

- 58** if decreasing 120 by $x\%$ gives the same result as increasing 40 by $x\%$, then $x\%$ of 210 is what percent less than $(x + 20)\%$ of 180 ?

- (a) $33\frac{1}{3}$ (b) 18
 (c) $16\frac{2}{3}$ (d) 20

- 61** If $\sin\theta = \frac{p^2 - 1}{p^2 + 1}$, then $\cos\theta$ is equal to

(a) $\frac{2p}{1+p^2}$ (b) $\frac{p}{p^2 - 1}$
 (c) $\frac{p}{1+p^2}$ (d) $\frac{2p}{p^2 - 1}$

ENGLISH LANGUAGE

D t (-80): In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Seoul's city government is asking people for help to correct poorly translated street signs-with prizes on offer for (76) _____ who spot the most errors. It's running (77) _____ two-week campaign calling on Koreans and foreigners (78) _____ to keep their eyes peeled for (79) _____ in English, Japanese and Chinese text, the Korea Times reports. There's (80) _____ focus on public transport signs, maps and information signs at historic sites, as part of a drive to improve the experience of foreign tourists in the South Korean capital.

Select the most appropriate option for blank no. 1

- (a) this (b) those
- (c) that (d) these

Select the most appropriate option for blank no. 2

- (a) one (b) the
- (c) an (d) a

8 Select the most appropriate option for blank no. 3

- (a) same (b) similarly
- (c) alike (d) likely

9 Select the most appropriate option for blank no. 4

- (a) guffaws (b) blunder
- (c) oversight (d) mistakes

80 Select the most appropriate option for blank no. 5

- (a) particular (b) important
- (c) signifying (d) meticulous

81 Select the synonym of the given word

- COERCE**
- (a) enchant (b) pressurize
 - (c) cajole (d) leave

8 In the sentence identify the segment which contains the grammatical error.

We had to decline several orders in case that the production was held up due to labour strike.

- (a) in case that
- (b) the production was held up
- (c) due to labour strike
- (d) we had to decline

83 Select the most appropriate word to fill in the blank

His company has the _____ of producing the best cricket balls in the country.

- (a) opinion (b) brand
- (c) reputation (d) position

8 Select the antonym of the given word

- EXPANSION**
- (a) inflation (b) augmentation
 - (c) extension (d) compression

85 Select the antonym of the given word

SCARCE

- (a) scanty (b) few
- (c) seldom (d) plentiful

8 Select the wrongly spelt word

- (a) calander (b) career
- (c) callous (d) carriage

8 Select the most appropriate word to fill in the blank

Around sixty bands in colourful _____ took part in the Notting Hill Carnival.

- (a) clothings (b) costumes
- (c) apparels (d) dressing

88 Select the word which means the same as the group of words given

A person, animal or plant much below the usual height

- (a) wizard (b) dwarf
- (c) creature (d) witch

89 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select "no improvement".

The workers of this textile factory demand higher wages for a long time.

- (a) have been demanding higher wages
- (b) demanded higher wages
- (c) no improvement
- (d) has demanded higher wages

90 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select "no improvement".

If you park your car here, the traffic police h_f_y_u

- (a) will fine you (b) no improvement
- (c) fine you (d) fined you

91 Given below are four jumbled sentences. Select the option that gives their correct order.

A The cafe's owner says he's interested in conservation, and hopes customers will realise the animals are worth saving, even though they often have a bad reputation.

B None of them are venomous, meaning customers can get up close and personal with the reptiles.

C Here you sip your drink in the company of 35 snakes.

D This café, which has just opened in Tokyo, is not for the faint-hearted.

- (a) DBCA (b) DCBA
- (c) ABCD (d) ABDC

