# SSC CPO 12th Dec 2019 Shift-2

# **General Intelligence and Reasoning**

#### Instructions

For the following questions answer them individually

#### **Question 1**

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

- **A** 197
- **B** 193
- C 195
- **D** 191

Answer: C

# Question 2

Arrange the following words in the order in which they appear in an English dictionary.

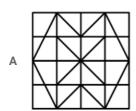
- 1. Dementia
- 2. Demand
- 3. Dearth
- 4. Demon
- 5. Daemon
- **A** 5, 3, 2, 1, 4
- **B** 5, 3, 2, 4, 1 **C** 4, 3, 2, 1, 5
- **D** 3, 5, 2, 1, 4

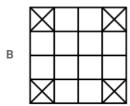
Answer: A

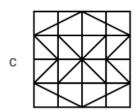
#### **Question 3**

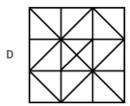
Select the option in which the given figure is embedded (rotation is NOT allowed).











Answer: C

**Ouestion 4** 

Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement. Statement:

The importance of a person is not dependent only on one's status and money.

**Conclusions:** 

I. The goal of most people is just to acquire more money.

II. There are some factors other than status and money which contribute to the importance of a person.

- A Only conclusion I follows.
- B Both conclusions I and II follow.
- C Only conclusion II follows.
- D Neither conclusion I nor II follows.

Answer: C

#### **Question 5**

In a certain code language, U is written as A, A as G, D as I, N as T, B as R, E as D and C as U. How will ABUNDANCE be written in that code?

- A GRATITUDE
- **B** GRATITGUD
- **C** RGATIGTUD
- **D** GRATIGTUD

Answer: D

## Question 6

In a certain language, if MOUNTAIN is written as 46352195, then how is UNIVERSE coded in the same language?

- **A** 25945905
- **B** 45945915
- C 13594591

| D 3  | 35945915  |
|--|---|
| Aı   | nswer: D  |
| Que  | stion 7   |
| to be<br>State<br>A. A<br>B. A<br>C. A<br>Cone<br>I. All<br>III. A | d the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.  ements:  Il purses are coins.  Il coins are rupees.  Il rupees are pink.  clusions:  I purses are pink.  Il pink are coins.  Il pink are coins.  Il rupees are purses. |
| <b>A</b> (   | Only conclusions I and IV follow.   |
| В  | Only conclusions I and II follow.   |
| C  | All the conclusions follow.   |
| D (  | Only conclusions II and III follow.   |
| Aı   | nswer: A  |
|  | stion 8 code language, DOCUMENT is written as FRGUMWQH. How is PERCEIVE written in that language?   |
| A l  | JHSCEHXM  |
| В  | JHSCEHYL  |
| C \  | VHSCEHYL  |
| D \  | VHSCEHYK  |
| Aı   | nswer: B  |
|  | stion 9 asure' is related to 'Joy' in the same way as 'Diligent' is related to ''.  |
| A i  | Breathlessness  |
| ВІ   | ndustrious  |
| C  | Anger   |
| D S  | Sympathy  |
| Aı   | nswer: B  |

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

| 7  | 9  | 8  |
|----|----|----|
| 97 | 73 | 64 |
| 6  | 7  | ?  |
| 55 | 10 | 48 |

- **A** 2
- **B** 5
- $\mathbf{C}$  4
- **D** 3

Answer: A

#### **Question 11**

Which of the given options would be a logical sequence of the following places when arranged in a clockwise manner starting from north on India's Map?

- 1. Ladakh
- 2. Goa
- 3. Puducherry
- 4. Punjab
- 5. Odisha
- **A** 1, 4, 2, 5, 3
- **B** 2, 1, 4, 5, 3
- **C** 1, 5, 3, 2, 4
- **D** 1, 5, 2, 3, 4

Answer: C

#### **Question 12**

Select the option in which the words share the same relationship as that shared by the given pair of words.

Gallop: Horse

- A Scamper: Mouse
- B Elephant: Amble
- C Bird : Kangaroo
- **D** Run : Lion **Answer:** A

# **Question 13**

Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?

# BZF3Q12AW

WA21Q37ZB BZF3Q12AW BZF3Q12AW BZFE Q12AW Answer: B **Question 14** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one. Stable Court Den Igloo Answer: B **Question 15** Select the letter-cluster that can replace the question mark (?) in the following series. DZA, FUD, HPG, JKJ, LFM, ? A MAP **B** NAQ NBQ NAP Answer: D **Question 16** Four number pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

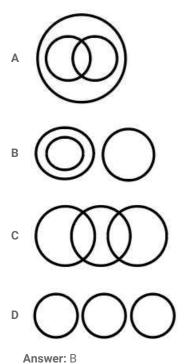
**A** 13:182

25:650

23:552

18:306 **Answer:** D

Select the Venn diagram that best represents the relationship between the following classes. Periodical, Weekly, Publisher



#### **Question 18**

Select the word from among the given options that is similar to the given words and hence belongs to the same group. Crocodile: Snake: Iguana:?

- A Frog
- **B** Starfish
- **C** Chameleon
- **D** Toad

Answer: C

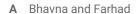
#### **Question 19**

Rohan is facing towards west and turns  $45^{\circ}$  clockwise, again  $180^{\circ}$  clockwise and then turns  $225^{\circ}$  anticlockwise. In which direction is he facing now?

- A West
- **B** East
- C South
- **D** North

Answer: A

Naveen, Sapna, Alka, Jenny, Megan, Farhad and Bhavna are sitting in a row in a cinema hall. All of them are facing the screen that is towards the east. Sapna is at the extreme end and her immediate neighbour is Megan. Jenny is on the right of Megan. Bhavna has Megan and Farhad on each side. Alka is to the immediate right of Jenny who is sitting third from the south end. Jenny is sitting immediately between which of the following pairs of people?



- **B** Naveen and Alka
- C Farhad and Alka
- D Megan and Bhavna

Answer: C

#### **Question 21**

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

- **A** 34 289
- **B** 18 81
- C 16-64
- **D** 26 168

Answer: D

#### **Question 22**

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

1, 5, 11, 19, 29, 41, ?

- **A** 50
- **B** 57
- **C** 55
- **D** 49

Answer: C

#### **Question 23**

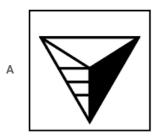
If + means -, - means  $\times$ ,  $\times$  means  $\div$ , and  $\div$  means +, then what will be the value of following expression?  $50 + 10 \div 25 \times 5 - 3 = ?$ 

- **A** 51
- **B** 50
- **C** 45
- **D** 55

Answer: D

Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?











Answer: D

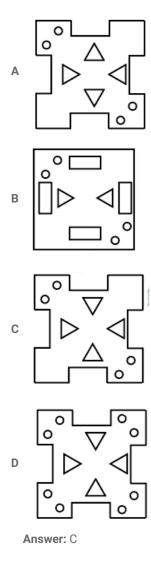
# **Question 25**

The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?









**Question 26** 

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

- A Authentic
- **B** Genuine
- **C** Spurious
- **D** Bonafide

Answer: C

# **Question 27**

Select the correct equation after interchanging operators '+' and ' $\div$ ', and numbers '2' and '8'.

- **A**  $2+8 \div 4 = 2$
- **B**  $8+4 \div 2 = 8$
- **c**  $8+2 \div 4 = 6$

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

- **A** 73 79
- **B** 31 41
- C 61 71
- **D** 83 97

Answer: A

#### **Question 29**

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



Α



В



С



Answer: A

# Question 30

Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

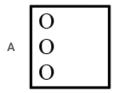
72:14

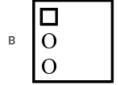
- **A** 36:19
- **B** 92:17
- **C** 45:20

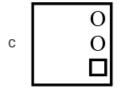
**Question 31** 

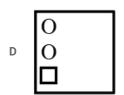
Select the figure that can replace the question mark (?) in the following series.

| 0 | ? | O<br>O |
|---|---|--------|
|   | • | 0 🗆    |





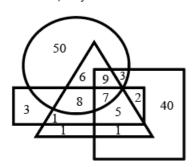




Answer: D

#### **Question 32**

A prestigious company had called for candidates to be interviewed. Their data has been presented by the given Venn diagram. The circle represents MBA candidates from a reputed institution, the triangle represents candidates with an experience of more than 10 years, the rectangle represents industrious candidates and the square represents candidates aged between 40 and 50 years. The numbers given in the diagram represent the number of persons of that particular category. The company has called for the final interview, only those candidates who meet all the above criteria. How many people have been called for the final interview?



| Α    | 6              |             |          |       |        |         |      |                      |            |
|------|----------------|-------------|----------|-------|--------|---------|------|----------------------|------------|
| В    | 8              |             |          |       |        |         |      |                      |            |
| С    | 7              |             |          |       |        |         |      |                      |            |
| D 9  | 9              |             |          |       |        |         |      |                      |            |
| A    | nswer: C       |             |          |       |        |         |      |                      |            |
| Que  | stion 33       |             |          |       |        |         |      |                      |            |
|      |                | hat ca      | an repla | ce th | e que  | stion r | nark | (?) in the following | ng series. |
| Z, V | , P, L, ?, B   |             |          |       |        |         |      |                      |            |
| A    | E              |             |          |       |        |         |      |                      |            |
| В    | F              |             |          |       |        |         |      |                      |            |
| C    | I              |             |          |       |        |         |      |                      |            |
| D    | Н              |             |          |       |        |         |      |                      |            |
| A    | nswer: B       |             |          |       |        |         |      |                      |            |
| Que  | stion 34       |             |          |       |        |         |      |                      |            |
| Sele | ect the figure | that c      | an repla | ace t | he que | estion  | mark | (?) in the followi   | ng series. |
|      | О              |             | U        | e     |        |         |      |                      |            |
| U    | i              | О           |          |       | e      |         | U    | ?                    |            |
|      |                |             |          |       |        |         |      |                      |            |
|      | e              |             |          | i     |        | О       |      | •                    |            |
|      | е              |             |          | i     |        | О       |      | •                    |            |
|      | e<br>i         |             |          | i     |        | 0       |      | •                    |            |
| A    |                | 0           |          | i     |        | O       |      | •                    |            |
| A    |                | O e         |          | i     |        | 0       |      | •                    |            |
| A    | i<br>U         |             |          | i     |        | 0       |      | •                    |            |
|      | i<br>U         | e           |          | i     |        | 0       |      | •                    |            |
| А    | i<br>U         |             |          | i     |        | O       |      | •                    |            |
|      | i<br>U         | e           |          | i     |        | 0       |      | •                    |            |
| В    | i<br>U         | е<br>О<br>е |          | i     |        | O       |      | •                    |            |
| В    | i<br>U         | е<br>О<br>е |          | i     |        | O       |      | •                    |            |
|      | i<br>U         | e<br>O      |          | i     |        | O       |      | •                    |            |
| В    | i U            | е<br>О<br>е |          | i     |        | O       |      | •                    |            |
| В    | i<br>U         | 0 e         |          | i     |        | O       |      |                      |            |
| В    | i U            | е<br>О<br>е |          | i     |        | O       |      |                      |            |

Answer: A

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

Power: Watt:: Pressure:?

- A Degrees
- **B** Pascal
- **C** Newton
- **D** Ohm

Answer: B

#### **Question 36**

Rearrange the given letters to form meaningful words and select the option which is different from the other three words.

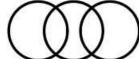
- A REAYBL
- **B** ETWAH
- C EZAMI
- D SEHCWA

Answer: D

#### **Question 37**

Select the Venn diagram that best represents the relationship between the following classes. Women, Officer, Stenographer



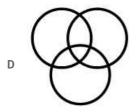












Answer: A

#### **Question 38**

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

- **A**  $^{13}_{165}$
- B  $^{17}_{167}$
- $C_{171}^{15}$
- $D = {13 \atop 167}$

Answer: D

#### **Question 39**

In the following number series, two numbers have been put within brackets. Select the most appropriate option for these numbers in relation to their inclusion in the series.

0, 7, 26, (65), 124, 215, (344), 511

- A The first bracketed number is correct and the second bracketed number is incorrect.
- B The first bracketed number is incorrect and the second bracketed number is correct.
- C Both the bracketed numbers are incorrect.
- D Both the bracketed numbers are correct.

Answer: C

#### Question 40

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

PURPOSE: QWUTTYL:: SERVICE:?

- **A** RGVZNHL
- **B** TGUZNGL
- C RFUZNGL
- **D** TGUZNIL

Answer: D

| In a certain code, REASON is coded as 13 | 3, CHAIR is coded | as 11, then what is the | code of EXAMINATION? |
|--|-------------------|-------------------------|----------------------|
|--|-------------------|-------------------------|----------------------|

- **A** 22
- **B** 11
- **C** 23
- **D** 12

Answer: C

#### **Question 42**

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

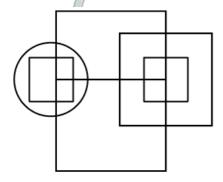
13, 15, 19, 25, 33, ?

- **A** 54
- **B** 43
- **C** 42
- **D** 41

Answer: B

#### **Question 43**

Identify the number of straight lines in the given figure.



- **A** 15
- **B** 17
- **C** 19
- **D** 20

Answer: B

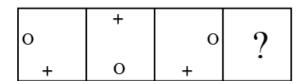
# Question 44

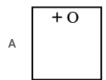
Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

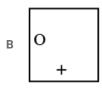
14:289::17:400::21:?

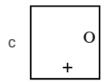
| Α   | 576   |
|-----|---|
| В   | 441   |
| С   | 570   |
| D   | 504   |
| 1   | Answer: A   |
| Qu  | estion 45   |
|     | lect the option that is related to the third term in the same way as the second term is related to the first term.  EEXFLCRQ: SHIFT:: ATEXXDIBVO:?                            |
| Α   | ADORE   |
| В   | WAGER   |
| С   | VADER   |
| D   | EAGLE   |
| 4   | Answer: B   |
| Qu  | estion 46   |
| lik | ree of the four options are similar to the given number set in a certain manner while one is different. Select the option that is NOT e the given number set.<br>0, 450, 810) |
| Α   | (5, 25, 45)   |
| В   | (21, 105, 189)  |
| С   | (7, 35, 56)   |
| D   | (17, 85, 153)   |
| 1   | Answer: C   |
|     |   |
|     |   |
|     | estion 47   |
| FO  | ur words have been given, out of which three are alike in some manner and one is different. Select the odd one.   |
| Α   | NIZAM   |
| В   | STEIN   |
| С   | MAINS   |
| D   | SAINT   |
| 1   | Answer: B   |
|     |   |

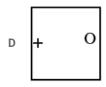
Select the figure that can replace the question mark (?)in the following series.











Answer: A

#### **Question 49**

Select the correct combination of mathematical signs to replace \* signs and to balance the following equation.

$$\begin{smallmatrix} 1 & & 1 \\ 6 & * & 24 & * 2 * 8 * 35 * 23 \end{smallmatrix}$$

A 
$$\times, -, \div, +, =$$

$$\mathsf{B} \quad \times, +, \div, -, =$$

$$\mathsf{c}_{+,-,\div,\times,=}$$

$$\mathbf{D}\quad \div,-,\times,+,=$$

Answer: D

# Question 50

Four positions of a dice are shown. What number must be at the bottom face when the dice is in the position as shown in figure (a)?









| Α   | 3   |
|-----|---|
| В   | 2   |
| С   | 4   |
| D   | 5   |
|     | Answer: A   |
|     |   |
|     |   |
|     | General Knowledge and General Awareness   |
|     | structions  |
|     | r the following questions answer them individually  |
|     | estion 51 e power to summon each House of Parliament is vested with the:  |
| ın  | e power to summon each House of Parliament is vested with the:  |
| Α   | President   |
| В   | Lok Sabha Speaker   |
| С   | Vice President  |
| D   | Union Cabinet   |
|     | Answer: A   |
|     |   |
|     |   |
| Qu  | estion 52   |
| Th  | e Netravati River flows through which of the following cities?  |
| Α   | Karwar  |
| В   | Mangaluru   |
| С   |   |
| D   | Bengaluru<br>Shivamogga   |
|     | Answer: B   |
| Qu  | estion 53   |
|     | the context of various environment protection treaties/protocols and the places associated with them, which of the following is NOT rrectly paired? |
| Α   | Protocol on Biosafety - Cartagena   |
| - • |   |
| В   | Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade - Stockholm                |
| С   | Convention on the Control of Transboundary Movement of Hazardous Wastes and their Disposal - Basel  |
| D   | Convention on Biological Diversity - Nagoya   |
|     | Answer: B   |

| Qu | estion 54   |
|----|---|
| As | per ancient Indian philosophy, the Purusharthas or the four aims of life does NOT include:                  |
| Α  | kama  |
| В  | moksha  |
| С  | artha   |
| D  | yasha   |
| 4  | Answer: D   |
|    |   |
|    | estion 55<br>nich of the following may be classified as a 'Pigouvian tax'?                                  |
| Α  | Long term capital gain tax  |
| В  | Corporate tax   |
| С  | Carbon tax  |
| D  | Income tax  |
| 4  | Answer: C   |
|    | estion 56   |
| Th | e procedure for impeachment of the President of India is mentioned in Article of the Constitution of India. |
| Α  | 61  |
| В  | 63  |
| С  | 62  |
| D  | 60  |
| 4  | Answer: A   |
|    | estion 57   |
| As | per the UN criteria, a city qualifies as a mega city when its population is a minimum of:                   |
| Α  | 5 million   |
| В  | 10 million  |
| С  | 15 million  |
| D  | 12 million  |

Answer: B

| Question 58   |
|---|
| For the calculation of the 'wholesale price index' in 2019, is taken as the base year.                                |
| <b>A</b> 2013-14  |
| <b>3</b> 2014-15  |
| 2011-12   |
| 2012-13 / Answer: C   |
| Question 59   |
| According to the Demographic Transition Theory, the third stage in a demographic cycle is marked by:                  |
| A high fertility low mortality  |
| B low fertility low mortality   |
| high mortality low fertility  |
| high fertility high mortality   |
| Answer: B   |
| Question 60  Which of the following statements about the ionosphere is NOT correct?                                   |
| A Radio waves transmitted from the earth are reflected back to the earth by this layer.                               |
| 3 It contains charged particles.  |
| It is ionised by solar and cosmic radiation.  |
| It is located immediately above the stratopause.  |
| Answer: D   |
|   |
| Question 61   |
| What would you call the area under the curve of a velocity-time graph included between itself and two time ordinates? |
| A Speed   |
| 3 Displacement  |
| C Velocity  |
| O Acceleration  |
| Answer: B   |
| Dunation 62   |

'Turi', 'Bungal' and 'Pava' are folk musical instruments from the state of:

| Α  | West Bengal   |
|----|---|
| В  | Karnataka   |
| С  | Odisha  |
| D  | Gujarat   |
| ,  | Answer: D   |
| Qu | estion 63   |
| ln | September 2019, took over the chairmanship of the Association of World Election Bodies (A-WEB) for the term 2019-21.                            |
| Α  | Om Prakash Rawat  |
| В  | Sushil Chandra  |
| С  | Ashok Lavasa  |
| D  | Sunil Arora   |
| 1  | Answer: D   |
|    |   |
|    |   |
|    | estion 64   |
| Wl | no among the following is NOT a recipient of the '2019 Right Livelihood Award'?   |
| Α  | Doreen Lawrence   |
| В  | Aminatou Haidar   |
| С  | Guo Jianmei   |
| D  | Greta Thunberg  |
| 4  | Answer: A   |
|    | estion 65   |
|    | no among the following female Indian boxers does NOT hold the distinction of reaching the final at the World Boxing Championships<br>her debut? |
| A  | Manju Rani  |
|    | Sonia Chahal  |
| С  | Jamuna Boro   |
| D  | Sarjubala Devi  |
|    | Answer: C   |
| Qu | estion 66   |
| Ру | rolusite is an ore of:  |
| A  | manganese   |
|    |   |

| В    | chromium   |
|------|--|
| С    | titanium   |
| D    | uranium  |
| A    | answer: A  |
|      |  |
|      |  |
| Qu   | estion 67  |
| Am   | ong the given elements, which comes first in the periodic table of elements?                                 |
| Α    | Sodium   |
| В    | Neon   |
| С    | Potassium  |
| D    | Silicon  |
| A    | nswer: B   |
|      | estion 68 ich of the following is NOT an item mentioned in the Concurrent List of the Constitution of India? |
| Α    | Banking  |
| В    | Bankruptcy and insolvency  |
| С    | Criminal procedure   |
| D    | Criminal law   |
| A    | nswer: A   |
| Qu   | estion 69  |
| Res  | searchers from the UK and India have developed a hand-washing robot, who has been named:                     |
| Α    | Gope   |
| В    | Нере   |
| С    | Норе   |
| D    | Pepe   |
| A    | answer: D  |
|      |  |
|      |  |
| Qu   | estion 70  |
| In t | he context of Overseas Citizens of India (OCI), which of the following statements is NOT correct?            |

A foreign national those who or either of whose parents or grandparents or great grandparents is or had been a citizen of Pakistan or Bangladesh, is not eleigible for it.

| В    | An OCI is granted multiple entry visa for a period of ten years only.   |
|------|---|
| С    | An OCI is allowed to undertake all activities except research work for which special permission is required.                        |
| D    | Any foreign national who was eligible to become a citizen of India on 26.01.1950 is eligible for it.                                |
| ,    | uiswei. D   |
|      | estion 71   |
| ln v | which state of India is the harvest festival of 'Kailpodh' celebrated by an indigenous community?                                   |
| Α    | Odisha  |
| В    | Madhya Pradesh  |
| С    | Jharkhand   |
| D    | Karnataka   |
| A    | Answer: D   |
| Qu   | estion 72   |
| Wh   | ich of the following provisions of the Indian Constitution is correctly paired with the article pertaining to it?                   |
| Α    | Protection of life and personal liberty - Article 21  |
| В    | Prohibition of traffic in human beings - Article 24   |
| С    | Right to education - Article 22A  |
|      | Prohibition of employment of any child below fourteen years of age in any factory or mine - Article 23                              |
|      |   |
| Qu   | estion 73   |
|      | he Canada Deuterium Uranium (CANDU) reactor, a natural uranium-fuelled reactor, the function of moderator and coolant is formed by: |
| Α    | heavy water   |
| В    | light water   |
| С    | carbon dioxide  |
| D    | sodium  |
| A    | Answer: A   |
| Qu   | estion 74   |
| Но   | w do Pteridophytes reproduce?   |
| Α    | With the help of budding  |
| В    | With the help of spores   |
|      |   |

| С   | With the help of pollens  |  |  |
|-----|---|--|--|
| D   | With the help of seeds  |  |  |
|     | Answer: B   |  |  |
|     |   |  |  |
|     | estion 75   |  |  |
| As  | of September 2019, the distinction of being the youngest Indian Grandmaster was held by:  |  |  |
| Α   | D Gukesh  |  |  |
| В   | R Praggnanandhaa  |  |  |
| С   | Parimarjan Negi   |  |  |
| D   | Raunak Sadhwani   |  |  |
|     | Answer: A   |  |  |
|     |   |  |  |
|     |   |  |  |
| 0   |   |  |  |
|     | estion 76   |  |  |
| VVI | nich of the following schedules was added to the Constitution by the Constitution (First Amendment) Act, 1951?  |  |  |
| Α   | Eighth  |  |  |
| В   | Ninth   |  |  |
| С   | Tenth   |  |  |
| D   | Seventh   |  |  |
|     | Answer: B   |  |  |
| _   |   |  |  |
|     | estion 77   |  |  |
| ln  | normal cells, the process of the flow of genetic information from DNA to RNA is called:   |  |  |
| Α   | transportation  |  |  |
| В   | transcription   |  |  |
| С   | translocation   |  |  |
| D   | translation   |  |  |
|     | Answer: B   |  |  |
| Qu  | estion 78   |  |  |
|     | which year was the first Industrial Policy based on the mixed economy principle announced in India? The policy clearly demarcated e areas of operation of the public and private sectors. |  |  |
| Α   | 1959  |  |  |
| В   | 1948  |  |  |
| С   | 1950  |  |  |
|     |   |  |  |

| D   | 1962   |  |  |
|---|--|--|--|
| 1   | Answer: B  |  |  |
|   |  |  |  |
|   |  |  |  |
| Qu  | estion 79  |  |  |
| Th  | e famous Irwin Declaration on 31 October 1929 promised:                                    |  |  |
| Α   | independence of princely states  |  |  |
| В   | total integration of princely states with the rest of India                                |  |  |
| С   | universal adult franchise in India   |  |  |
| D   | a dominion status for India  |  |  |
| 1   | Answer: D  |  |  |
| Qu  | estion 80  |  |  |
| Inc   | lian sportsperson Lakshya Sen is aplayer.  |  |  |
| ٨   | judo   |  |  |
|   |  |  |  |
| В   | badminton  |  |  |
| С   | kabaddi  |  |  |
| D   | wrestling  |  |  |
| 1   | Answer: B  |  |  |
|   | estion 81  |  |  |
| Th  | e skull of a 'Homo erectus' was found in which of the following pre-historic Indian sites? |  |  |
| Α   | Pachmarhi  |  |  |
| В   | Hathnora   |  |  |
| С   | Patne  |  |  |
| D   | Sanganakallu   |  |  |
| 1   | Answer: B  |  |  |
|   |  |  |  |
|   |  |  |  |
| Question 82   |  |  |  |
| The Aitchison Commission, 1886, was appointed to make recommendations for reforms in the: |  |  |  |
| Α   | armed forces   |  |  |
| В   | Indian judicial system   |  |  |
| С   | Indian civil services  |  |  |
| D   | administration of princely states  |  |  |

|    | Answer: C  |
|----|--|
|    | uestion 83   |
| N  | hich of the following languages does NOT belong to the Indo-Aryan language family?   |
| 4  | Munda  |
| 3  | Punjabi  |
| С  | Dogri  |
| O  | Assamese   |
|    | Answer: A  |
|    | uestion 84   |
|    | has been awarded the SASTRA Ramanujan Prize, 2019.   |
| 4  | Akshay Venkatesh   |
| 3  | Adam Harper  |
| 0  | Manjul Bhargava  |
| O  | Maryam Mirzakhani  |
|    | Answer: B  |
|    |  |
|    |  |
|    | uestion 85<br>no among the following Delhi Sultans traced his descent to the ancient hero Afrasiyab in order to fabricate a noble birth for himself? |
|    |  |
|    | Qutb-ud-din Aibak  |
|    | lltutmish Pallean  |
|    | Balban   |
|    | Alauddin Khilji  Answer: C   |
|    | uestion 86   |
|    | s per the Economic Survey 2018-19, the national 'total fertility rate' is expected to be below replacement rate by the year:                         |
|    |  |
|    | 2024   |
|    | 2025   |
|    | 2022   |
|    | 2021  Answer: D  |
|    | Answer: D  |
| 31 | INTERPORT & /  |

Who among the following has co-authored the book titled 'Bridgital Nation: Solving Technology's People Problem'?

| Α  | Sundar Pichai  |
|----|--|
| В  | Nandan Nilekani  |
| С  | N Chandrasekaran   |
| D  | Sam Pitroda  |
| 1  | Answer: C  |
|    |  |
|    |  |
| Ou | estion 88  |
|    | nich of the following institutions does NOT regulate capital markets in India?                         |
|    |  |
| Α  | RBI  |
| В  | SEBI   |
| С  | Ministry of Finance  |
| D  | IRDA   |
| 1  | Answer: D  |
| Qu | estion 89  |
| At | which of the following sites have archaeologists recovered burial of five wild dogs and antler's horn? |
| Α  | Utnur  |
| В  | Gufkral  |
| С  | Burzahom   |
| D  | Kupgal   |
|    | Answer: C  |
| Ou | estion 90  |
|    | der Mauryan administration the 'Sitadhyaksha' was the officer in charge of:                            |
|    |  |
| Α  | royal harem  |
| В  | customs  |
| С  | mines  |
| D  | agriculture  |
| 1  | Answer: D  |
|    |  |
|    |  |

Hiccups in humans generally occur due to the forceful downward shifting of the:

| Α           | diaphragm   |  |
|-------------|---|--|
| В           | trachea   |  |
| С           | lungs   |  |
| D           | larynx  |  |
| 1           | Answer: A   |  |
| Qu          | estion 92   |  |
| Th          | e collection of poems titled 'Pakkaki Ottigilite' has been composed by:   |  |
| Α           | Kasturi Murali Krishna  |  |
| В           | K Siva Reddy  |  |
| С           | Varavara Rao  |  |
| D           | Suryadevara Rammohan Rao  |  |
| 1           | Answer: B   |  |
| Qu          | estion 93   |  |
| Wł          | no won the 2019 US Open - Men's Singles title?                            |  |
| Α           | Rafael Nadal  |  |
| В           | Roger Federer   |  |
| С           | Daniil Medvedev   |  |
| D           | Novak Djokovic  |  |
|             | Answer: A   |  |
|             |   |  |
|             |   |  |
|             | estion 94   |  |
| Wŀ          | nich of the following sites is the largest protected wetland in India?    |  |
| Α           | Pulicat Lake  |  |
| В           | Sundarbans  |  |
| С           | Upper Ganga River   |  |
| D           | Vembanad-Kol  |  |
| 1           | Answer: B   |  |
| Question 95 |   |  |
| Wŀ          | nich of the following foundations confers the 'Global Goalkeeper Awards'? |  |
| Α           | Coca-Cola Foundation  |  |
| В           | Ford Foundation   |  |

| 0    | Infosys Foundation   |
|------|--|
|      | Bill and Melinda Gates Foundation  Answer: D   |
|      |  |
|      | estion 96  |
| /V ľ | nich of the following is NOT a primary force which influences ocean currents?                    |
| Δ    | Magnetic fields of the earth   |
| 3    | Heating by the sun   |
| 0    | Gravity  |
| 0    | Coriolis force   |
| 1    | Answer: A  |
|      |  |
|      |  |
| Qu   | estion 97  |
| On   | ce a satellite has been launched into orbit, the only force governing its motion is the force of |
|      |  |
| 4    | gravity  |
| 3    | elasticity   |
| С    | friction   |
| O    | fuel driven  |
| 1    | Answer: A  |
| Qu   | estion 98  |
| n    | the context of medieval Sufi tradition, the term 'wali' meant:                                   |
|      |  |
| 4    | hermitage  |
| 3    | order  |
| С    | disciple   |
| O    | saint  |
| 1    | Answer: D  |
| Qu   | estion 99  |
| Νŀ   | nich one of the following attributes is NOT true for uniform circular motion?                    |
|      |  |
| 4    | The distance is always equal to the displacement   |
| 3    | Velocity is always perpendicular to the radius of the circle                                     |
| С    | The speed of the body remains constant   |

D The velocity of the body is continuously changing

| O  |        | 4   | 00 |
|----|--------|-----|----|
| UΠ | estion | - 1 | UU |

Which of the following statements about Ganymede is NOT correct?

- A It is bigger than Mercury.
- **B** It is the largest natural satellite in our solar system.
- c It is the only moon known to have its own internally generated magnetic field.
- D It revolves around Saturn.

Answer: D

# **Quantitative Aptitude**

#### Instructions

For the following questions answer them individually

#### **Question 101**

Which of the following is exactly divisible by 6?

- A 4325672
- **B** 5643252
- C 96543111
- **Answer:** B

# Question 102

Vivek can do a certain work in 14 days. Vishal is 75% more efficient than Vivek. How many days will Vishal alone take to do the same work?

- A 8 days
- **B** 9 days
- C 10 days
- **D** 6 days

Answer: A

# Question 103

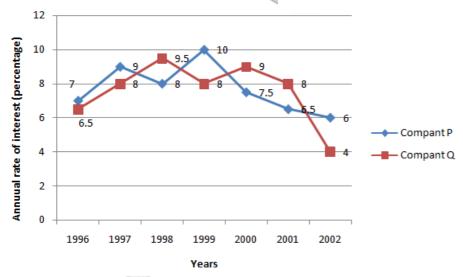
A certain sum of money amounts to ₹8,928 in twoyears and to ₹10,224 in  $3\frac{1}{2}$  years, both at simple interest. The rate of interest per annum is:

| Α  | 12%  |  |  |
|----|--|--|--|
| В  | 10%  |  |  |
| С  | 9%   |  |  |
| D  | 15%  |  |  |
| 1  | Answer: A  |  |  |
| Qu | estion 104   |  |  |
| ho | njeet drives his car at an average speed of 50 km/hr and reaches his destination in 8 hours. Rahman covers the same distance in 5 urs. If Ranjeet increases his speed by 10 km/hr and Rahman increases his speed by 20 km/hr, then what will be the difference in the taken by them to reach their destination?  |  |  |
| Α  | 2 hours 30 minutes   |  |  |
| В  | 3 hours 40 minutes   |  |  |
| С  | 3 hours 20 minutes   |  |  |
| D  | 2 hours 40 minutes   |  |  |
| 1  | Answer: D  |  |  |
|    |  |  |  |
| Α, | estion 105  B and are partners in a business. A, whose capital has been used for 5 months, claims $\frac{1}{7}$ of the profit. B whose capital has been ed for 7 months, claims $\frac{1}{5}$ of the profit. C has invested ₹4,600 for 9 months. How much capital did A contribute?  |  |  |
| uo | to 1017 months, stame of the profits |  |  |
|    | ₹1,800   |  |  |
|    | ₹1,650<br>₹1,600   |  |  |
|    | ₹1,850   |  |  |
|    | Answer: A  |  |  |
| Qu | estion 106   |  |  |
| Th | e Value of $(28)^2-28\times 22+484$ is:  |  |  |
| Α  | 0.02   |  |  |
| В  | 0.05   |  |  |
| С  | 0.01   |  |  |
| D  | 0.5  |  |  |
| 1  | Answer: B  |  |  |
| Qu | estion 107   |  |  |
|    | The average age of husband, wife and child 7 years ago was 42 years and that of wife and child 9 years ago was 36 years. The presentage of the husband is:   |  |  |

| Α  | 50   |
|----|--|
| В  | 55   |
| С  | 48   |
| D  | 57   |
|    | Answer: D  |
|    |  |
|    |  |
|    | estion 108   |
|    | angoes are boughtat a rate of ₹10,000 perton. If one-third of the total mangoes are sold at a loss of 4%, then at what price (per ton) ould the remaining mangoes be soldso as to gain 30% on the whole transaction?   |
| Α  | ₹15,000  |
| В  | ₹13,500  |
| С  | ₹14,700  |
| D  | ₹14,600  |
|    | Answer: C  |
| Qu | estion 109   |
|    | e angle of elevation of the top of a tree from a point on the ground which is 300 m away from the tree is $30^{\circ}$ . When the tree grew up, angle of elevation of the top of it became $60^{\circ}$ from the same point. How much did the tree grow? (nearest to an integer) |
| Α  | 342 m  |
| В  | 364 m  |
| С  | 384 m  |
| D  | 346 m  |
|    | Answer: D  |
| Qu | estion 110   |
|    | o persons A and B are paid a total of ₹2,040 per week by their employer. If B is paid 140 per cent of the sum paid to A, then how uchis A paid per week?   |
| Α  | ₹750   |
| В  | ₹820   |
| С  | ₹850   |
| D  | ₹800   |
| ,  | Answer: C  |
|    |  |

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



A sum of ₹3.5 lakhs was invested in company Q in the year 2000 for one year. How much more simple interest will accrue if the amount was invested in company P?

- **A** ₹5,500
- **B** ₹5,000
- C ₹5,200
- **D** ₹5,250

Answer: D

# Question 112

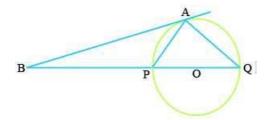
Two equilateral triangles of side  $10\sqrt{3}$  cm are joined to form a quadrilateral. What is the altitude of the quadrilateral?

- **A** 12 cm
- **B** 14 cm
- **C** 16 cm
- D i5 cm

Answer: D

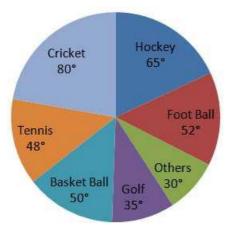
#### **Question 113**

The tangent at a point A on a circle with center O intersects the diameter PQ of the circle, when extended,at point B. If  $\angle BAQ = 105^{\circ}$ , then  $\angle APQ$  is equal to:



| A  | $55^{\circ}$  |
|----|---|
| В  | $60^{\circ}$  |
| С  | $65^{\circ}$  |
| D  | $75^{\circ}$  |
|    | Answer: D   |
|    |   |
|    |   |
| Qu | estion 114  |
|    | e speed of a train is $26$ times the speed of a car. The car covers 486 km in 9 hours. How much distance will the train cover in 6 urs?   |
| Α  | 612km   |
| В  | 702km   |
| С  | 732km   |
| D  | 712km   |
|    | Answer: B   |
| Qu | nestion 115   |
| Αl | batsman scores 92 runs in the $15^{th}$ inning and thusincreases his average by 4. What is his averageafter the $\ 15^{th}$ inning?   |
|    |   |
|    | 40  |
|    | 32  |
|    | 35  |
|    | 36<br>Answer: D   |
| 4  | Answer. D   |
|    | estion 116  |
|    | om a point P which is at a distance of 10 cm from the centre O of a circle of radius 6 cm, a pair of tangents PQ and PR to the circle<br>point Q and respectively, are drawn. Then the area of the quadrilateral PQOR is equal to |
| Α  | 30 sq.cm  |
| В  | 40 sq.cm  |
| С  | 24 sq.cm  |
| D  | 48 sq.cm  |
| 4  | Answer: D   |
|    |   |
|    |   |

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



If the total amount spent on sports in the year was ₹1,80,00,000, then the amount spent on tennis is more than the expenditure on golf by:

- **A** ₹2,40,000
- **B** ₹4,75,000
- **C** ₹5,50,000
- **D** ₹6,50,000

Answer: D

#### **Question 118**

 $17.35 + {}^7_5 of 55 - 7 \\ \textbf{The Vale of } (42 \div 6 \times 8.35) - {}^3_7 of \left( {}^2_3 - {}^1_5 \right) + [291 \div (80 \div 8)] \ \textbf{is:}$ 

- **A** 2
- В
- **C** 1
- **D** 3

Answer: C

# **Question 119**

If a - b = 5 and  $a^2+b^2=45$ , then the value of ab is:

- **A** 25
- **B** 10
- **C** 15
- **D** 20

Answer: B

The salaries of Raju and Peter are in the ratio 3 : 5. If the salary of each is increased by ₹2,500, then the new ratio is 11 : 15. What is Peter's salary?

- **A** ₹3,500
- **B** ₹2,500
- **C** ₹4,000
- **D** ₹5,000

Answer: D

#### **Question 121**

If the perimeter of an isoscelesright triangle is  $(16\sqrt{2}+16)$  cm, then the area of the triangle is:

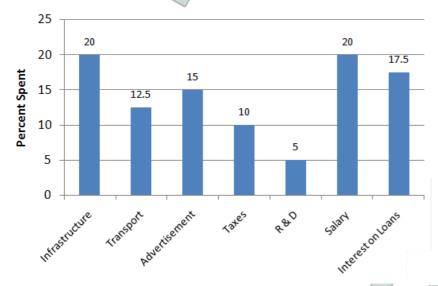
- A 76 sq.cm
- B 64 sq.cm
- **C** 58 sq.cm
- **D** 66 sq.cm

Answer: B

#### **Question 122**

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012.



If the total amount of expenditure of the company is x times the expenditure on transport, then the value of x is:

- **A** 6
- **B** 8
- **C** 12
- **D** 5

Answer: B

There is a 15% discounton 8 shirts marked at ₹9,600. How many shirts can be bought with ₹5,100?

- **A** 4
- **B** 5
- **C** 3
- **D** 6

Answer: B

#### **Question 124**

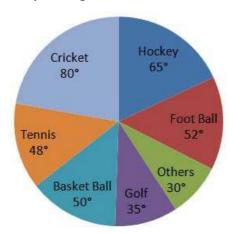
The angle of elevation of a ladder leaning against a wall is  $60^{\circ}$  and the foot of the ladder is 6.5 m away from the wall. The length of the ladder is:

- **A**  $6.5\sqrt{3}$  m
- **B**  $13\sqrt{3}$  m
- C 12 m
- D 13 m

Answer: D

# **Question 125**

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



The expenditure on hockey is what percent more than that of basketball?

- **A** 40%
- **B** 25%
- C 30%
- **D** 35%

Answer: C

Two pipes A and B can fill a tank in 18 minutes and 24 minutes respectively. If both the pipes are opened simultaneously, then after how much time should pipe B be closed so that the tank is full in 12 minutes?

- A 6 minutes
- **B** 9 minutes
- C 8 minutes
- **D** 5 minutes

Answer: C

### **Question 127**

If  $x^4+x^{-4}=2599$ , then one of the values of  $\,x-x^{-1}$ , where x > 0, is equal to:

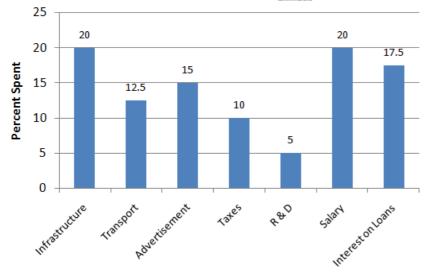
- **A** 9
- **B** 7
- **C** 5
- **D** 8

Answer: B

#### **Question 128**

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012.



What is the ratio of the total expenditure on salary and interest on loans to the total expenditure on infrastructure and transport?

- **A** 15:13
- **B** 15:11
- C 14:11
- **D** 13:12

The HCF and LCM of two numbers are 8 and 48 respectively. If the ratio of the two numbers is 2:3, then the larger of the two numbers is:

- **A** 24
- **B** 18
- **C** 48
- **D** 16

Answer: A

#### **Question 130**

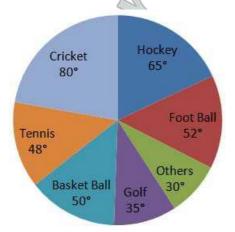
A shopkeeper has announced 40% rebate on the price of TV sets at the time of sale. If a purchaser needs to have a rebate of ₹26,400, then how many TV sets each costing ₹6,000 should he purchase?

- **A** 9
- **B** 11
- **C** 8
- D 12

Answer: B

#### **Ouestion 131**

The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.



If the total amount spent on sports in the year was ₹2,40,00,000, then the amount spent on cricket and football together was:

- A ₹86,00,000
- **B** ₹88,00,000
- **C** ₹78,00,000
- **D** ₹44,00,000

Answer: B

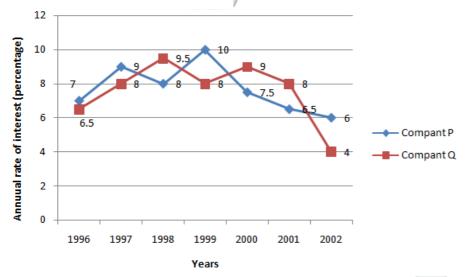
| Qu        | Question 132  |  |  |
|-----------|---|--|--|
| Ac<br>red | Acircular wire of diameter 77 cm is bent in the form of a rectangle whose length is 142% of its breadth. What is the area of the rectangle? (Take $\pi={22\atop7}$ )        |  |  |
| A         | 3520 sq.cm  |  |  |
| В         | 3450 sq.cm  |  |  |
| С         | 3550 sq.cm  |  |  |
|           | 3620 sq.cm<br>Answer: C   |  |  |
|           | allower. O  |  |  |
| Qu        | estion 133  |  |  |
|           | suboidal tank has 25000 litres of water. If the depth of the cuboid is $\frac{1}{5}$ of its length and breadth is $\frac{1}{8}$ of its length, then the length of tank is:  |  |  |
| Α         | 12 m  |  |  |
| В         | 10 m  |  |  |
| С         | 15 m  |  |  |
| D         | 18 m . Answer: B  |  |  |
| Qu        | estion 134  |  |  |
|           | ank is filled in 4 hours by three pipes A, B and C. The pipe C is twice as fast as B and pipe B is thrice as fast as A. How much time I pipe A alone take to fill the tank? |  |  |
| Α         | 25 hours  |  |  |
| В         | 40 hours  |  |  |
| С         | 30 hours  |  |  |
| D         | 32 hours  |  |  |

Answer: B

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below.

Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



If two sums in the ratio 9:10 are invested in companies P and Q respectively in 1999, then what is the ratio of the simple interests received from companies P and Q respectively after one year?

- A 7:8
- **B** 8:9
- C 9:8
- **D** 8:7

Answer: C

#### **Question 136**

A single equivalent discount equivalent to three successive discounts of 10%, 16% and 25% is equal to:

- A 42%
- **B** 46.5%
- C 41%
- **D** 43.3%

Answer: D

# **Ouestion 137**

A rectangular sheet of paper which is 88 cm long and 11 cm wide rolled to form a cylinder of height equal to its width of the paper. What is the volume of the cylinder so formed?

- **A**  $7676 \ cm^3$
- **B** 6776  $cm^3$
- **C** 6546  $cm^3$
- **D** 6786  $cm^3$

| _  |       | -   | ~~ |
|----|-------|-----|----|
| OH | estio | n 1 | 38 |

 $\begin{array}{c} 56 + \frac{2}{3} \, of 27 - 8 \\ \text{The value of} \ \ \frac{15 - \frac{3}{5} \, of (29 - 14)}{3} \ \text{is:} \end{array}$ 

- **A** 12
- **B** 10
- **C** 15
- **D** 11

Answer: D

#### **Question 139**

Twelve solid hemispheres of the same size are melted and recastto in a right circular cylinder of diameter 7 cm and height 28 cm. Whatis the radius of the hemispheres?

- A 4.5 cm
- **B** 3.5 cm
- **C** 3 cm
- **D** 3.8 cm

Answer: B

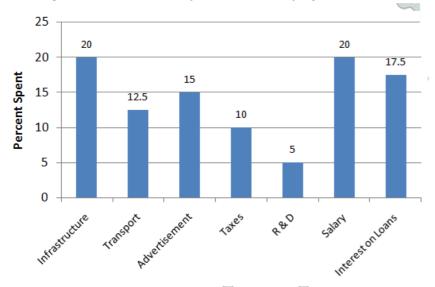
# Question 140

The diameter of a cycle wheel is 126 cm. A cyclist takes  $16\frac{1}{2}$  minutes to reach the destination at a speed of 72 km/hr. How many revolutions will the wheel make during the journey?(Take  $\pi=\frac{22}{7}$ )

- **A** 5000
- **B** 5200
- **C** 4000
- **D** 4500

Study the graph and answer the question.

Percentage Distribution of Total Expenditure of a Company in 2012



If the expenditure on salary is ₹2.8 crores, then the difference between the expenditure (in ₹) on advertisements and taxes is?

- A 70 lakhs
- B 60 lakhs
- C 30 lakhs
- D 75 lakhs

Answer: A

# Question 142

If  $\sin\theta-\cos\theta=0,0^\circ<\theta<90^\circ$  , then the value of  $\sin^4\theta+\cos^4\theta$  is:

- A  $\frac{1}{3}$
- **B** 1
- **C** 2
- **D** 2

Answer: C

# Question 143

What is the sum of the greatest three digit number and the smallest four digit number such that their HCF is 23?

- **A** 2001
- **B** 2002
- **C** 1984
- **D** 1998

If  $\sqrt{0.00576} imes y = 2.4$ , then y is equal to:

- **A** 3600
- **B** 1200
- **C** 1000
- **D** 2400

Answer: C

### **Question 145**

Two times of A's salary is five times of B's salary and four times of B's salary is twice C's salary. What is A's salary if C's salary is ₹1,600?

- **A** ₹2,000
- **B** ₹2,500
- **C** ₹2,600
- **D** ₹3,000

Answer: A

# **Question 146**

Vaibhav can do a piece of work in 60 days. He works there for 15 days and then Sandeepalone finishes the remaining work in 30 days. In how many days will Vaibhav and Sandeep working together finish the work?

- A 20 days
- B 24 days
- C 18 days
- D 22 days

Answer: B

# **Question 147**

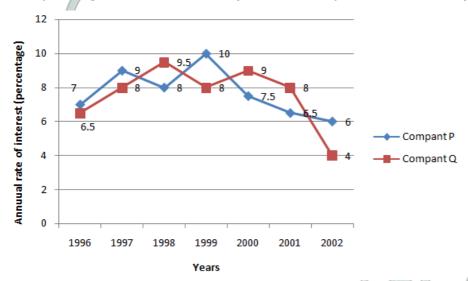
If  $\sqrt{2}\sin(60^\circ-\alpha)=1,0^\circ<\alpha<90^\circ$  , then lpha is equal to:

- A  $45^{\circ}$
- B  $30^{\circ}$
- $\text{C} \quad 15^{\circ}$
- D  $60^{\circ}$

Answer: C

Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



An investor invested a sum of ₹4 lakhs in company in the year 2000. After one year, the entire amount was transferred to company P in 2001 as an investment for one year. What amount will the investor receive from company P?

- **A** ₹4,54,420
- **B** ₹4,64,340
- **C** ₹4,64,430
- **D** ₹4,56,320

Answer: B

# **Question 149**

If a + b + c = 9 and ab + bc + ca = 18, then the value of  $a^3 + b^3 + c^3 - 3abc$  is:

- **A** 243
- **B** 254
- **c** 234
- **D** 244

Answer: A

# **Question 150**

2000 employees are assigned to complete a project. At the endofthefirst year, 15% of the number of employees are decreased and at the end of the second year again 10% of the number of employees are decreased. However, to complete the project in time, the number of employees are increased by 10% at the end of the third year. What was the number of employees working during the fourth year?

- **B** 1685
- **D** 1783

1683

Answer: C

# **English Comprehension**

#### Instructions

For the following questions answer them individually

#### **Question 151**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Raman's discovery, made <u>during the voyaging over</u> the Mediterranean sea, that water molecules could scatter light just like air molecules, was very radical in those days.

- A during the voyage above
- **B** No improvement
- C while an voyage across
- **D** during a voyage across

Answer: D

#### Instructions

Read the given passage and answer the questions that follow:

#### Comprehension:

For years, a long-lost chapter of what is said to be the world's first known novel has been quietly tucked away in a chest in a Japanese storeroom, hiding alongside other heirlooms of a Japanese family with feudal lineage. Experts confirmed that the blue-bound text is a chapter

of the 11th Century Japanese classic 'Genji Monogatari' or 'The Tale of Genji'. Written by Japanese noblewoman Murasaki Shikibu, the novel depicts the romantic epic of Prince Genji and his love interest Murasaki-no-ue. The recently found chapter contains an important part of the novel in which the 18-year old prince meets Murasaki-no-ue, according to the Japan Times. The original 54-chapter text no longer exists. Transcriptions by Fujiwara no Teika (1162-1241), a Japanese poet, are believed to be the earliest existing manuscripts. In addition to the most recently discovered chapter, four other confirmed chapters of her transcription are registered as national cultural properties.

Reizeike Shiguretei Bunko, a cultural preservation foundation, has authenticated the text as a chapter of Teika's transcriptions.

In February, 72-year-old Motofuyu Okochi found the little book in his family home in Tokyo and reached out to the foundation to have it authenticated.

Okochi's lineage stretches back to the feudal era of Japan when, in 1743, the manuscript was passed to the Okochi family from another family, according to Asahi Shimbun. The experts who examined the found chapter were able to confirm that the text is one of Teika's transcriptions in a few ways.

Not only did the handwriting match that of the other found chapters, but the cover of the binding matches the blue of the other texts. The small slip of paper that Teika used to identify the front of the book also matches the slips used on the other chapters.

#### **Question 152**

Which of the following is NOT true according to the passage?

| Α            | The home where the book was kept safely belonged to a feudal family.                         |  |
|--------------|--|--|
| В            | The Japanese novel is important because it is believed to be the oldest known novel.         |  |
| С            | The original manuscript written by Murasaki-no-ue was bound in blue.                         |  |
| D            | The man who found the chapter decided to hand it over to the cultural foundation.  Answer: C |  |
| Qu           | estion 153   |  |
| Но           | w many chapters of the novel have been listed as cultural properties?                        |  |
| Α            | Eighteen   |  |
| В            | Five   |  |
| С            | Fifty-four   |  |
| D            | Eleven   |  |
| 1            | Answer: B  |  |
| Qu           | estion 154   |  |
| Wh           | o was the author of the novel?   |  |
| Α            | Rezeike Shiguretei Bunko   |  |
| В            | Murasaki Shikibu   |  |
| С            | Fujiwara no Teika  |  |
| D            | Motofuyu Okochi  |  |
|              | Answer: B  |  |
|              |  |  |
|              |  |  |
| Qu           | estion 155   |  |
| Wh           | ere was the chapter discovered?  |  |
| Α            | In a cultural foundation   |  |
| В            | In a family storeroom  |  |
| С            | In a library in Tokyo  |  |
| D            | In a royal palace  |  |
| 1            | Answer: B  |  |
| Question 156 |  |  |
| Wh           | ich of the following was NOT one of the ways for confirming the authenticity of the chapter? |  |
| Α            | The name of the writer was inscribed on it as also on the earlier chapters.                  |  |
| В            | The slip used by the manuscript writer was similar to the slips on other chapters            |  |

|   | 1  |  |  |
|---|--|--|--|
| D   | The handwriting matched that of the other chapters   |  |  |
| 1   | Answer: A  |  |  |
|   | Instructions For the following questions answer them individually  |  |  |
| Qu  | estion 157   |  |  |
|   | the sentence identify the segment which contains the grammatical error.<br>ey informed the teacher that all of they family members would be going to Visakhapatnam.                    |  |  |
| Α   | would be going   |  |  |
| В   | all of they family members   |  |  |
| С   | to Visakhapatnam   |  |  |
| D   | They informed the teacher that   |  |  |
| 1   | Answer: B  |  |  |
|   |  |  |  |
|   |  |  |  |
| Qu  | estion 158   |  |  |
|   | lect the most appropriate option that can be used as a one-word substitute for the given group of words.<br>Sup or other decorative object awarded as a prize for a victory or success |  |  |
| Α   | trophy   |  |  |
| В   | gift   |  |  |
| С   | present(n)   |  |  |
| D   | crown  |  |  |
| 1   | Answer: A  |  |  |
| Qu  | estion 159   |  |  |
| Select the most appropriate option to fill in the blank.  Educators have unique responsibility towards the empowerment of their students.           |  |  |  |
| Α   | some   |  |  |
| В   | a  |  |  |
| С   | an   |  |  |
| D   | few  |  |  |
| 4   | Answer: B  |  |  |
| Qu  | Question 160   |  |  |
| Select the most appropriate option to fill in the blanks.  The vibrations from wind instruments always positive and good your breathing and health. |  |  |  |
| Α   | was; in  |  |  |

The binding cover was of the same colour

| В   | are; for   |  |  |
|-----|--|--|--|
| С   | is; in   |  |  |
| D   | were; to   |  |  |
|     | Answer: B  |  |  |
|     |  |  |  |
| Qu  | estion 161   |  |  |
| Se  | lect the INCORRECTLY spelt word.   |  |  |
| Α   | amateur  |  |  |
| В   | audacity   |  |  |
| С   | acheivement  |  |  |
|     | audience   |  |  |
| ,   | Answer: C  |  |  |
| Ins | structions   |  |  |
| ea  | me words have been deleted in the given passage. Fill in the blanks with the given alternatives. Select the most appropriate option for ch blank.  mprehension:  |  |  |
| inr | agination is not only the uniquely human capacity to envision that which is not, and therefore the foundation of all invention and lovation. In (1) arguably most transformative (2) revelatory capacity, it is (3) power that enables us to (4) with mans whose experiences we have (5) shared. |  |  |
| Qu  | estion 162   |  |  |
| Se  | lect the most appropriate option to fill in blank number (1).  |  |  |
| Α   | his  |  |  |
| В   | their  |  |  |
| С   | its  |  |  |
| D   | our  |  |  |
| 4   | Answer: C  |  |  |
| Qu  | Question 163   |  |  |
| Se  | lect the most appropriate option to fill in blank number (2).  |  |  |
| Α   | SO SO  |  |  |
| В   | and  |  |  |
| С   | all  |  |  |
| D   | how  |  |  |
|     | Answer: B  |  |  |

| Select the most appropriate option to fill in blank number (3). |  |
|---|--|
|---|--|

| Α  | SO   |
|----|--|
| В  | few  |
| С  | the  |
| D  | little   |
| 1  | Answer: C  |
| Qu | estion 165   |
| Se | lect the most appropriate option to fill in blank number (4).    |
| Α  | empathise  |
| В  | guide  |
| С  | discuss  |
| D  | assimilate   |
| 1  | Answer: A  |
| Qu | estion 166   |
| Se | lect the most appropriate option to fill in blank number (5).    |
|    |  |
| Α  | sporadically   |
| В  | never  |
| С  | sooner   |
| D  | hopefully  |
| 1  | Answer: B  |
|    |  |
|    |  |
|    | structions<br>r the following questions answer them individually |
| Qu | estion 167   |
|    | lect the most appropriate synonym of the given word.             |
| Α  | sense  |
| В  | view   |
| С  | chance   |
| D  | wisdom   |
|    | Answer: B  |

# **Question 168** Select the INCORRECTLY spelt word. hallucination discrimnation illumination intimation Answer: B **Question 169** Select the most appropriate option that can be used as a one-word substitute for the given group of words. All the people in a country or area who are entitled to vote in an election inhabitants residents electorate settlers Answer: C **Question 170** Select the most appropriate synonym of the given word. LOYAL legal routine devoted varied Answer: C **Question 171** Select the most appropriate option that can be used as a one-word substitute for the given group of words. A sea or stretch of water having many islands

harbour

ocean

archipelago

Answer: D

bay

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The World Health Organisation warned the Government that even many people were likely to die of epidemics than of the tsunami.

|    | to the or epidenic variety to the or epidenic variety to the or epidenic   |
|----|--|
| Α  | that so many people are likely   |
| В  | No improvement   |
| С  | that even most people are going to be likely   |
| D  | that more people were likely   |
|    | Answer: D  |
|    |  |
|    |  |
| Qι | uestion 173  |
|    | elect the most appropriate option that can be used as a one-word substitute for the given group of words.<br>large building or group of buildings used to house soldiers |
| Α  | fort   |
| В  | dormitory  |
| С  | quarters   |
| D  | barracks   |
|    | Answer: D  |
| Qι | nestion 174  |
|    | elect the most appropriate ANTONYM of the given word.  SCARD   |
| Α  | share  |
| В  | distribute   |
| С  | waste  |
| D  | adopt  |
|    | Answer: D  |
| Qι | nestion 175  |
|    | e festival expenses are bound toin my pocket.  |
| Α  | be upfront   |
| В  | give a clean chit  |
| С  | be out of the blue   |
| D  | make a dent  |
|    | Answer: D  |

**D** is called

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

I tried to contact my dentist but her cell phone <u>appeared to have been</u> switched off.

| Α  | No improvement  |
|--|---|
| В  | appears to had been   |
| С  | appeared to been  |
| D  | appear to be  |
| 1  | Answer: A   |
| Qu   | estion 177  |
|  | ect the most appropriate option that can be used as a one-word substitute for the given group of words. st of items to be discussed at a formal meeting |
| Α  | programme   |
| В  | agenda  |
| С  | topics  |
| D  | timetable   |
| 1  | Answer: B   |
| Qu   | estion 178  |
|  | ect the most appropriate synonym of the given word.<br>CREDIBLE   |
| Α  | unwilling   |
| В  | unbelievable  |
| С  | unnoticed   |
| D  | disturbing  |
| ,  | Answer: B   |
| Qu   | estion 179  |
| Select the most appropriate option to fill in the blank.  The Chinese leader's formal Chinese suit Changpao. |   |
| Α  | is call   |
| В  | are called  |
| _  | will be called  |

| Question 180  |  |  |
|---|--|--|
| In the sentence identify the segment which contains the grammatical error.  Vini bought two new dresses but either is suitable for the festival.  |  |  |
| A Vini bought   |  |  |
| B suitable for the festival   |  |  |
| C two new dresses   |  |  |
| D but either is   |  |  |
| Answer: D   |  |  |
| Question 181  |  |  |
| Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it select No improvement.  Be polite and courteous will greatly improve your chances of making friends at your new office. |  |  |
| A By being polite and courteous   |  |  |
| B For being polite and courteous  |  |  |
| C No improvement  |  |  |
| D Being polite and courteous  Answer: D   |  |  |
| Question 182 Select the most appropriate meaning of the underlined idiom in the sentence.   |  |  |
| The suspect made a clean breast of it during the enquiry.   |  |  |
| A confessed his crime   |  |  |
| B took off his shirt  |  |  |
| C blamed his companion  |  |  |
| D asked for a fresh shirt   |  |  |
| Answer: A   |  |  |
| Question 183  |  |  |
| Select the most appropriate synonym of the given word.  ALOOF   |  |  |
| A detached  |  |  |
| B rocky   |  |  |
| C steady  |  |  |

Answer: D

**D** protected

| Question 184   |  |  |
|--|--|--|
| Select the most appropriate ANTONYM of the given word. BLUNT   |  |  |
| A lengthy  |  |  |
| B sharp  |  |  |
| C large  |  |  |
| D charred  |  |  |
| Answer: B  |  |  |
|  |  |  |
|  |  |  |
| Question 185   |  |  |
| Select the most appropriate option to fill in the blank.  The first thing they did was to the extent of damage done by the rains.  |  |  |
| A circulate  |  |  |
| B ascertain  |  |  |
| C repair   |  |  |
| D search   |  |  |
| Answer: B  |  |  |
| Question 186   |  |  |
| Select the INCORRECTLY spelt word.   |  |  |
| A miscellaneous  |  |  |
| B multifarious   |  |  |
| C gregerious   |  |  |
| <b>D</b> hilarious   |  |  |
| Answer: C  |  |  |
| Question 187   |  |  |
| In the sentence identify the segment which contains the grammatical error. If the sentence has no error, then select 'No error'. How many money did Sudhir win in the lottery? |  |  |
| A No error   |  |  |
| B in the lottery   |  |  |
| C How many money   |  |  |
| <b>D</b> did Sudhir win  |  |  |
| Answer: C  |  |  |

# **Question 188** Select the most appropriate meaning of the given idiom. Come rain or shine when it does not rain in the monsoon whatever happens in bad weather Answer: C **Question 189** Select the most appropriate ANTONYM of the given word. **INNATE** basic simple unassuming acquired Answer: D **Question 190** Select the most appropriate meaning of the given idiom. To be thrown in at the deep end learn to do the difficult things too soon

need to do one thing at a time

unable to do the given work

try to do too many things at the same time

Answer: A

Question 191

Select the most appropriate synonym of the given word. **INTENSIFY** 

eliminate

terminate

strengthen

| D   | destroy   |
|-----|---|
| 4   | Answer: C   |
| Ins | structions  |
| Se  | lect the most appropriate ANTONYM of the given word.  |
|     | estion 192  |
|     | RBID  |
|     |   |
| Α   | mixed   |
| В   | varied  |
| С   | confused  |
| D   | clear   |
| 4   | Answer: D   |
| Qu  | estion 193  |
|     | VARE  |
|     |   |
| Α   | ignorant  |
| В   | resilient   |
| С   | robust  |
| D   | impervious  |
| 1   | Answer: A   |
|     |   |
|     |   |
| Ins | structions  |
|     | r the following questions answer them individually  |
| Qu  | estion 194  |
| Se  | lect the INCORRECTLY spelt word.  |
|     |   |
| Α   | tongue  |
| В   | vogue   |
| С   | vague   |
| D   | argyu   |
| 4   | Answer: D   |
| Qu  | estion 195  |
|     | the sentence identify the segment which contains the grammatical error. If the sentence has no error, then select 'No error'. nom did you give the packet to? |
| Α   | did you give  |
| В   | No error  |

| С  | Whom  |  |
|--|---|--|
| D  | the packet to   |  |
| 1  | Answer: B   |  |
| Qu   | estion 196  |  |
| In the sentence identify the segment which contains the grammatical error.<br>Her sister lives in Pune, one of the major city in Maharashtra.  |   |  |
| Α  | in Maharashtra  |  |
| В  | Her sister lives  |  |
| С  | one of the major city   |  |
| D  | in Pune   |  |
| 1  | Answer: C   |  |
|  |   |  |
| Question 197 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement. The children has had their dinner but the adults still have to eat. |   |  |
| Α  | are have their dinner   |  |
| В  | have had their dinner   |  |
| С  | No improvement  |  |
| D<br>A   | is having the dinner<br>Answer: B   |  |
| Question 198   |   |  |
|  | Select the most appropriate meaning of the underlined idiom in the sentence.  'The situation is getting out of hand " the manager said to us. |  |
| Α  | not in control anymore  |  |
| В  | going to be handled soon  |  |
| С  | can be passed on to someone else  |  |
| D  | not growing fast enough   |  |
| 1  | Answer: A   |  |
| Question 199   |   |  |
| Select the most appropriate option to fill in the blank.  Unfortunately, the computer has also been responsible for the of fraudulent schemes through which many people are deceived by promises of quick wealth.                            |   |  |
| A  | promulgation  |  |

- proliferation
- **C** proclamation
- **D** pretension

Answer: B

# Question 200

Select the

spelt word.

- A fallicious
- **B** victorious
- **C** malicious
- **D** generous