

# SSC CPO 13th Dec 2019 Shift-1

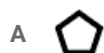
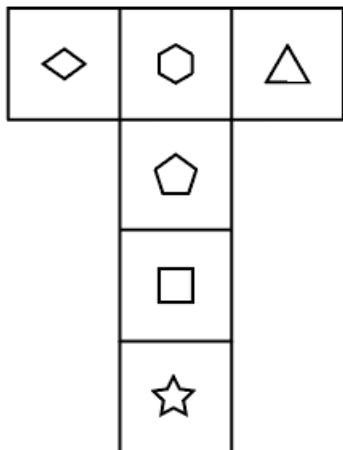
## General Intelligence and Reasoning

### Instructions

For the following questions answer them individually

### Question 1

A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of



Answer: A

### Question 2

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

15, 18, 13, 20, 11, ?

A 22

B 20

C 25

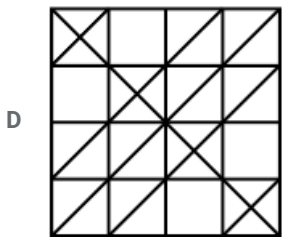
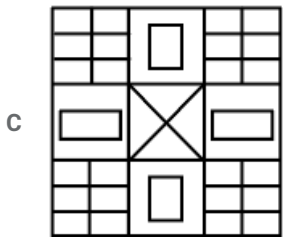
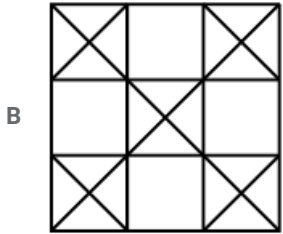
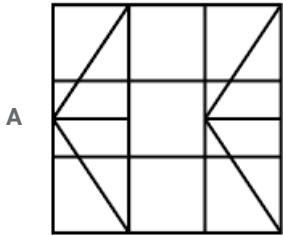
D 23

Answer: A

### Question 3

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





Answer: D

Question 4

Which two signs need to be interchanged to make the following equation correct?

$$48 - 8 \div 4 + 5 \times 6 = 32$$

A  $\times$  and  $+$

B  $\div$  and  $-$

C  $\times$  and  $\div$

D  $\div$  and  $+$

Answer: B

Question 5

Select the correct mirror image of the given combination when the mirror is held at the right side.

**JKWM691F**

A **F1QDMW&J**

B JKMMWQDJL

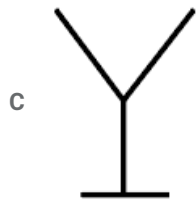
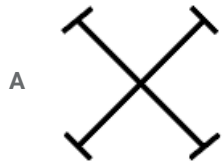
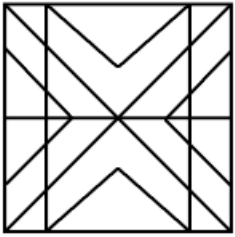
C JIQDMWKL

D LKWM69IF

Answer: C

Question 6

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



Answer: B

Question 7

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

3, 12, 36, 80, ?, 248

A 149

B 146

C 147

D 152

Answer: A

Question 8

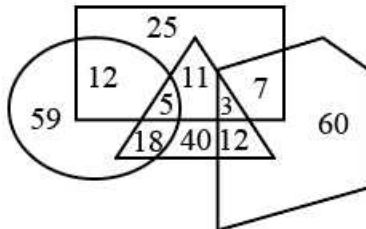
If '+' means '-', '-' means '×', '×' means '÷' and '÷' means '+', then what will be the value of the following expression?  
 $25 - 2 + 32 \times 8 \div 4$

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

Answer: D

Question 9

The data of a company's employees is shown by the given Venn diagram. The circle represents 'engineers', the triangle represents computer experts', the rectangle represents 'MBAs' and the pentagon represents 'females'. The numbers given in the diagram represent the number of persons of that particular category.



How many of the employees are MBAs, and how many male MBAs are computer experts but NOT engineers, respectively?

- A 44,11
- B 63,11
- C 25,18
- D 44,16

Answer: B

Question 10

Four number-pairs are given out of which three are alike in a certain way and one is different. Select the number-pair that is different from the rest.

- A 18 : 306
- B 23 : 552
- C 13 : 182
- D 25 : 650

Answer: A

**Question 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.  
184 : 207 :: 208 : ?

- A 234
- B 344
- C 235
- D 237

Answer: A

**Question 12**

Select the letter-cluster that can replace the question mark (?) in the following series.  
EFY, FID, GLI, HON, IRS, ?

- A KUX
- B KQY
- C JUX
- D JVY

Answer: C

**Question 13**

Select the option that gives a meaningful sequence of the given words.

1. Billion
2. Trillion
3. Hundred
4. Million
5. Thousand

- A 2, 1, 5, 3, 4
- B 3, 1, 5, 2, 4
- C 3, 1, 4, 5, 2
- D 2, 1, 4, 5, 3

Answer: D

**Question 14**

Three of the following four words are alike in a certain way and one is different. Select the odd word.

- A Gladsome
- B Morose
- C Joyous

D Cheerfu

Answer: B

Question 15

'Quarrel' is related to 'War' in the same way as 'Error' is related to '\_\_\_\_\_'

A Mend

B Defect

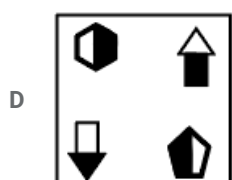
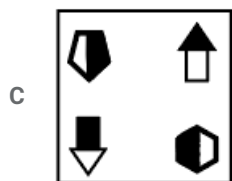
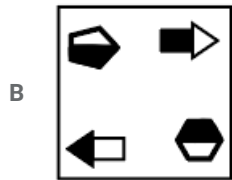
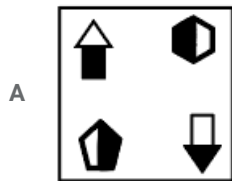
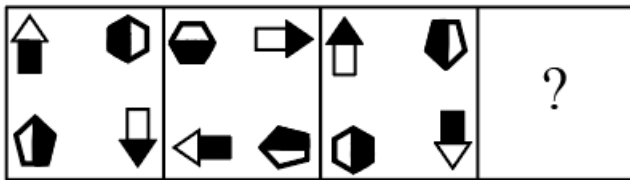
C Blunder

D Flaw

Answer: C

Question 16

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



Answer: B

Question 17

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

- A GKR
- B QIZ
- C HNU
- D MKX

Answer: C

Question 18

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

- A 90
- B 165
- C 195
- D 170

Answer: D

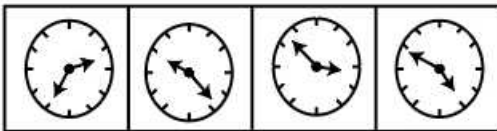
Question 19

Select the Answer Figure that is the correct mirror image of the given figure when the mirror is held at the right side.

Figure:



Answer Figure:



- A B
- B C
- C A
- D D

Answer: D

Question 20

Seven friends are sitting in a row. Jyoti is to the immediate right of Priya and to the immediate left of Trisha. Aditi is to the immediate right of Akshaya. Aditi and Priya have one person between them. Trisha and Diksha have two persons between them. Anika and Priya have two persons between them. Who is at the extreme right end?

- A Anika
- B Akshaya
- C Jyoti
- D Trisha

Answer: A

#### Question 21

Four number-pairs are given out of which three are alike in a certain way and one is different. Select the number-pair that is different from the rest

- A 5 : 7
- B 17 : 23
- C 13 : 19
- D 31 : 41

Answer: A

#### Question 22

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

Son : Daughter :: Stag : ?

- A Fawn
- B Doe
- C Moose
- D Buck

Answer: D

#### Question 23

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:

- I. Some chocolates are toffees.
- II. All toffees are eclairs.

Conclusions:

- I. Some eclairs are toffees.
- II. Some eclairs are chocolates.

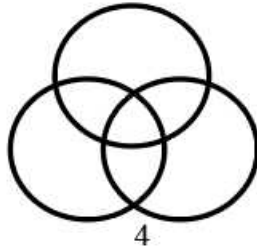
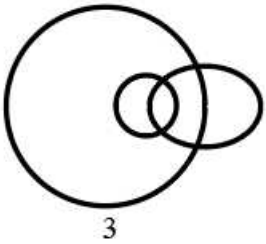
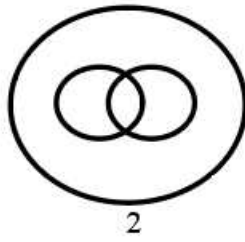
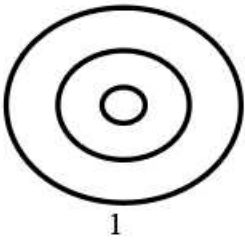
- A Both conclusions I and II follow
- B Only conclusion II follows.
- C Only conclusion I follows.
- D Neither conclusion I nor II follows.



Answer: A

Question 24

Select the Venn diagram that represents the correct relationship between the following classes:  
Singers, Homo Sapiens, Cricketers



A 1

B 2

C 3

D 4

Answer: B

Question 25

Select the letter that can replace the question mark (?) in the following series.  
W, T, O, L, ?, D

A J

B K

C G

D H

Answer: C

Question 26

Select the option in which the numbers are NOT related in the same way as are the numbers in the given set.  
(143, 110, 88)

A (69, 36, 14)

B (61, 28, 6)

C (114, 82, 60)

D (123, 90, 68)

Answer: C

**Question 27**

Four number-pairs are given out of which three are alike in a certain way and one is different. Select the number-pair that is different from the rest.

A 16 : 64

B 34 : 289

C 24 : 142

D 14 : 49

Answer: C

**Question 28**

Three of the following four words are alike in a certain way and one is different. Select the odd word.

A Depression

B Malaria

C Typhoid

D Flu

Answer: A

**Question 29**

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.

16 : 128 :: 18 : 162 :: 22 : ?

A 246

B 242

C 88

D 484

Answer: B

**Question 30**

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

Anemometer : Wind

A Barometer : Depth

B Seismograph : Earthquake

C Scale : Current

D Odometer : Pressure

Answer: B

**Question 31**

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

3	2	38	5
5	3	?	4
7	1	54	2

A 48

B 52

C 40

D 50

Answer: D

**Question 32**

If each of the letters of the English alphabet is assigned odd numerical value beginning with A = 1, B = 3 and so on, then what will be the total value of the letters of the word CARDINAL?

A 114

B 116

C 110

D 119

Answer: B

**Question 33**

Vimla starts from her home and walks 30 m towards north and then turns right and walks 40 m. Then, she turns left and walks 35 m. After that, she turns right and walks 40 m. From there, she turns right and walks 85 m. Then, she again turns right and walks 50 m. From there, she finally turns right and walks 20 m. How far is she from her home now and in which direction with reference to her home?

A 30 m, South

B 20 m, West

C 100 m, East

D 30 m, East

Answer: D

**Question 34**

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

7, 11, 20, 36, 61, ?

A 97

B 99

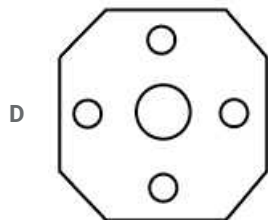
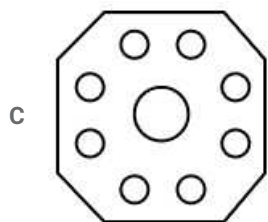
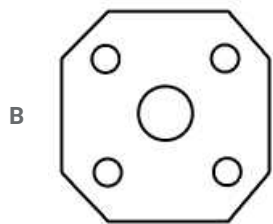
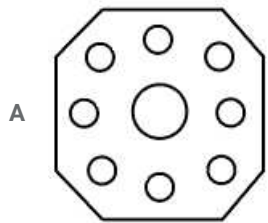
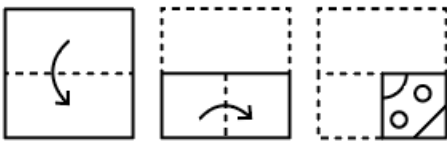
C 95

D 94

Answer: A

Question 35

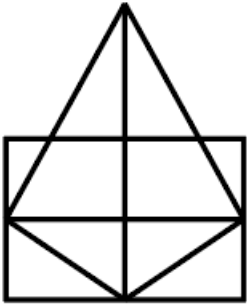
A piece of paper is folded and cut as shown in the following figures. How would this paper look when unfolded?



Answer: C

**Question 36**

How many triangles are present in the given figure?



A 17

B 10

C 12

D 15

**Answer: D**

**Question 37**

Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.  
78-57

A 35 - 14

B 67 - 42

C 45 - 21

D 24 - 19

**Answer: C**

**Question 38**

In a certain code language, G is written as S, L as A, A as O, O as N, N as E, E as G, H as L and S as H. How will HALOGENS be written in that code?

A LNAOSGEH

B LOANSGEH

C HOANSGEL

D HOENSGAH

**Answer: B**

**Question 39**

Read the given statement and conclusions carefully. Assuming that the information given in the statement 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 statement.

**Statement:**

Most of the students usually fail to apply in practice what they studied on their courses in school and colleges because they studied the course just so they could pass the examination.

**Conclusions:**

- I. Most of the students are just trying to pass the examination.
- II. There is less emphasis on learning by teachers.

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

**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.

TRAMPOLINE : RTMAQPILEN :: BINOCULARS : ?

- A RSLAVDNOBI
- B ICONVDALSR
- C IBONUCALSR
- D IBONDVALSR

**Answer: C**

**Question 41**

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

- 1. Heist
- 2. Height
- 3. Heart
- 4. Hackle
- 5. Higher

- A 4, 3, 2, 1, 5
- B 5, 4, 3, 1, 2
- C 4, 2, 1, 3, 5
- D 3, 5, 4, 1, 2

**Answer: A**

**Question 42**

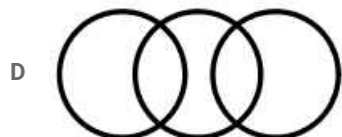
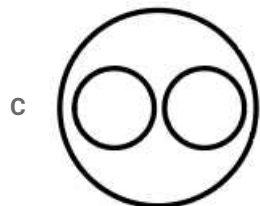
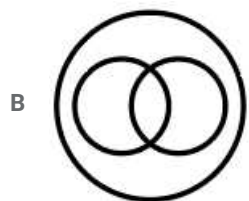
In a certain code language, SCIENCE is written as 7-5-16-7-11-5-21. How will MUSEUM be written in that code language?

- A 14-22-5-5-22-14
- B 13-21-6-21-21-13
- C 15-23-7-21-23-15
- D 13-23-7-21-23-13

Answer: C

**Question 43**

Select the Venn diagram that represents the correct relationship between the following classes:  
Table, Stationary, Carpet



Answer: A

**Question 44**

In a certain code, CATHODE is written as X5GS2W4. How will RELATION be written in that code?

- A J401G32N
- B I301G32M
- C I405G32M
- D J305G32M

Answer: A

Question 45

Select the combination of mathematical signs that when sequentially placed in the blanks of the given equation will balance the equation.

$$(157\_13)\_36\_1\_5$$

A + ÷ - =

B - ÷ + =

C + - ÷ =

D ÷ - + =

Answer: B

Question 46

Select the option in which the words share the same relationship as that shared by the given set of words (in the same order).

Track : Train : Driver

A Road : Bus : Conductor

B Sea : Ship : Captain

C Sky : Pilot : Airhostess

D Field : Athlete : Pole

Answer: B

Question 47

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

>    o	x    #	o    x	?
x	o	@	

A

x    o
%

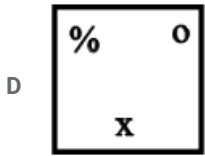
B

x    o
>

C

o    %
x





Answer: D

Question 48

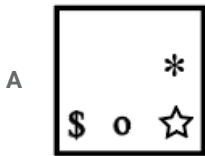
Select the option that is related to the third term in the same way as the second term is related to the first term.  
 AQUARIUM : ZSREMONU :: HUMIDITY : ?

- A IWJNYOMG
- B GVJMXOMG
- C GWJMYOMG
- D IVJNYOMH

Answer: C

Question 49

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



Answer: C

**Question 50**

Three of the following four pairs of letter cluster are alike in a certain way and one is different. Select the odd one.

- A OPR - JKL
- B BFX - YUC
- C PHJ - KSQ
- D RTV - IGE

**Answer: A**

## General Knowledge and General Awareness

**Instructions**

For the following questions answer them individually

**Question 51**

The noted freedom fighter Saheed Laxman Nayak belonged to the state of \_\_\_\_\_.

- A Gujarat
- B Chhatisgarh
- C Uttar Pradesh
- D Odisha

**Answer: D**

**Question 52**

In October 2019, who received his 6th Golden Shoe as the top scorer in the European leagues?

- A Lionel Messi
- B Franz Beckenbauer
- C Cristiano Ronaldo
- D Johan Cruyff

**Answer: A**

**Question 53**

What is the periodicity of Halley's comet?

- A 30-31 years
- B 45-46 years
- C 85-86 years

D 75-76 years

**Answer: D**

**Question 54**

**With a view to have animal protection world over, several countries have been brought under the cover of CITES with effect from 26th August, 2019. What does 'E' stand for in the acronym?**

A Endangered

B Evolutionary

C Eco-friendly

D Environmental

**Answer: A**

**Question 55**

**Who among the following was a Gupta ruler?**

A Vima Kadphises

B Vikramaditya

C Dhana Nanda

D Kanishka

**Answer: B**

**Question 56**

**The painting of Bharat Mata was originally done by \_\_\_\_\_**

A Rabindranath Tagore

B Jamini Roy

C Nandalal Bose

D Abanindranath Tagore

**Answer: D**

**Question 57**

**Which Indian historian won Israel's prestigious Dan David Prize?**

A Sanjay Subrahmanyam

B Mridula Mukherjee

C Irfan Habib

D Sumit Sarkar

**Answer: A**

**Question 58**

Which of the following Articles of the Constitution of India provides for an independent office of the Comptroller and Auditor General (CAG) of India?

- A Article 148
- B Article 110
- C Article 343
- D Article 124

**Answer: A**

**Question 59**

Under the provisions of which Article of the Constitution of India, can the Bharat Ratna Award NOT be used as a prefix or suffix to the recipient's name?

- A Article 17(2)
- B Article 16(2)
- C Article 18(1)
- D Article 19(1)

**Answer: C**

**Question 60**

The SI (International system of units) unit of length is \_\_\_\_\_

- A metre
- B centimetre
- C millimetre
- D kilometre

**Answer: A**

**Question 61**

Which former cricket player was appointed as the head of National Cricket Academy (NCA) in 2019?

- A Gautam Gambhir
- B Virender Sehwag
- C Ajay Jadeja
- D Rahul Dravid

**Answer: D**

**Question 62**

**Amar Sonar Bangla', the national anthem of Bangladesh was composed by**

- A Rabindranath Tagore
- B Dwijendranath Tagore
- C Devendranath Tagore
- D Abanindranath Tagore

**Answer: A**

**Question 63**

**Which of the following is working capital in the farming sector?**

- A threshing machine
- B money
- C tractor
- D land

**Answer: B**

**Question 64**

**Which Indian cricketer has scored two test triple centuries?**

- A Karun Nair
- B Virender Sehwag
- C Virat Kohli
- D Sunil Gavaskar

**Answer: B**

**Question 65**

**Potassium is a chemical element with the symbol:**

- A Na
- B S
- C Ca
- D K

**Answer: D**

**Question 66**

**What is the term used for pollination by wind?**

- A Endophily
- B Siciophily
- C Anemophily
- D Angioplasty

**Answer: C**

**Question 67**

The Kharif season in India largely coincides with the \_\_\_\_\_

- A Southwest monsoon
- B Southeast monsoon
- C Northeast monsoon
- D Northwest monsoon

**Answer: A**

**Question 68**

In which year did the Tibetan Spiritual leader the Dalai Lama seek political asylum in India?

- A 1973
- B 1957
- C 1959
- D 1962

**Answer: C**

**Question 69**

Eight times world champion squash player Nicol David belongs to which country ?

- A Germany
- B Malaysia
- C Ghana
- D Argentina

**Answer: B**

**Question 70**

Name the queen associated with the Maheshwari saree.

- A Ahilyabai Holkar
- B Lakshmibai
- C Kunti
- D Mehrunnisa

**Answer: A**

**Question 71**

**The Securities and Exchange Board of India is located in:**

- A Mumbai
- B Kolkata
- C Indore
- D Chandigarh

**Answer: A**

**Question 72**

**With reference to the Biosphere Reserves of India, which of the following is NOT a Biosphere Reserve?**

- A Achanakmar
- B Agasthyamalai
- C Dachigam
- D Nokrek

**Answer: A**

**Question 73**

**During the 1857 Uprising, who among the following took up the leadership at Faizabad?**

- A Kunwar Singh
- B Maulvi Ahmadullah
- C Begum Hazarath Mahal
- D Khan Bahadur

**Answer: B**

**Question 74**

**Who is the author of the book the 'Ministry of Utmost Happiness'?**

- A Jhumpa Lahiri
- B Arundhati Roy

C Anita Desai

D Amitav Ghosh

**Answer: B**

**Question 75**

The abolition of Dyarchy in the provinces was recommended by the \_\_\_\_\_

A Government of India Act of 1947

B Government of India Act of 1858

C Government of India Act of 1919

D Government of India Act of 1935

**Answer: D**

**Question 76**

The line "Khoob lari mardani woh to Jhansi wali Rani thi", was written by \_\_\_\_\_.

A Subhadra Kumari Chauhan

B Suryakant Tripathi

C Mahadevi Verma

D Ramdhari Singh Dinkar

**Answer: A**

**Question 77**

Which of the following instruments can detect the presence of a current in a circuit?

A Galvanometer

B Sphygmomanometer

C Barometer

D Magnetometer

**Answer: A**

**Question 78**

In which year was the first Exchange-traded Index Derivative Contract traded on the Bombay Stock Exchange (BSE)?

A 2000

B 1994

C 1991

D 2004



**Answer: A**

**Question 79**

**Which one of the following is NOT a compound?**

- A Sodium Chloride
- B Carbon Monoxide
- C Iron
- D Water

**Answer: C**

**Question 80**

**Dhoti-Gamosa is the indigenous textile symbol of \_\_\_\_\_.**

- A Meghalaya
- B Uttar Pradesh
- C Nagaland
- D Assam

**Answer: D**

**Question 81**

**Within what pH range does the human body work?**

- A 8.2 to 8.9
- B 6.0 to 6.2
- C 7.0 to 7.8
- D 9.3 to 9.6

**Answer: C**

**Question 82**

**What allows the government to meet the expenses of administration until the new parliament passes the Budget for the whole year?**

- A Voice vote
- B Vote-on-account
- C Vote-on-adjustment
- D Electronic vote

**Answer: B**

**Question 83**

**Who was the Chairman of the Second Backward Classes Commission?**

- A BP Mandal
- B Jyotiba Phule
- C Babu Jagjivan Ram
- D Bhim Rao Ambedkar

**Answer: A**

**Question 84**

**Which organisation publishes a Human Development Report?**

- A WTO
- B ILO
- C World Bank
- D UNDP

**Answer: D**

**Question 85**

**Who is the author of the book 'Arctic Home of the Vedas'?**

- A Bipin Chandra Pal
- B Max Muller
- C Bal Gangadhar Tilak
- D Aurobindo Ghosh

**Answer: C**

**Question 86**

**What is a Coppersmith Barbet?**

- A A small herbivore
- B An insect
- C A carnivorous plant
- D A bird

**Answer: C**

**Question 87**

**Who among the following invented a device called PM 2.5 which when fitted near the silencer pipe in vehicles will curb air pollution?**

- A Debayan Saha
- B Deepak Gupta
- C Nikesh Arora
- D Asha Sharma

**Answer: A**

**Question 88**

The term 'Peninsula' means a piece of land surrounded by water on:

- A three sides
- B one side
- C two sides
- D four sides

**Answer: A**

**Question 89**

The Kaveri river rises in:

- A The Brahmagiri hills
- B The Trimbak hills
- C The Amarkantak plateau
- D Mahabaleshwar

**Answer: A**

**Question 90**

In which year was the coveted Dadasaheb Phalke Award instituted?

- A 1969
- B 1968
- C 1967
- D 1966

**Answer: A**

**Question 91**

Which of the following is NOT a part of the Meghalaya Plateau ?

- A Jaintia Hills
- B Khasi Hills
- C Garo Hills
- D Palamu Hills

**Answer: D**

**Question 92**

The branch of geology that studies dinosaurs is an example of \_\_\_\_\_.

- A sophrology
- B petrology
- C paleontology
- D histology

**Answer: A**

**Question 93**

With which gymnastics vaults style do we associate the name of Deepa Karmakar?

- A Handspring
- B Yurchenko
- C Produnova
- D Tsukahara

**Answer: B**

**Question 94**

The Third Round Table Conference was held in the year \_\_\_\_\_

- A 1932
- B 1931
- C 1933
- D 1930

**Answer: A**

**Question 95**

In which of the following Himalayan ranges is the Banihal Pass situated?

- A Great Himalayas
- B Pir Panjal

**C** Ladakh

**D** Zaskar

**Answer: B**

**Question 96**

**Which acid makes the atmosphere of Venus have thick white and yellowish clouds?**

**A** Sulphuric acid

**B** Nitric acid

**C** Acetic acid

**D** Hydrochloric acid

**Answer: A**

**Question 97**

**In which novel did the National Song of India feature?**

**A** Sevasadan

**B** Devi Chaudhurani

**C** Anandamath

**D** Durgeshnandini

**Answer: C**

**Question 98**

**Which Article of the Indian Constitution gives right to minorities to establish and administer educational institutions?**

**A** Article 17

**B** Article 32

**C** Article 28

**D** Article 30

**Answer: D**

**Question 99**

**Who among the following made the first observation on Platinum as a catalyst and discovered similar triads of elements that led to the development of the Periodic Table of elements?**

**A** Dmitri Mendeleev

**B** Hans Christian Oersted

**C** Johann Wolfgang Dobereiner

D Michael Faraday

Answer: C

#### Question 100

The Mughal Sarai Railway Station has been renamed after \_\_\_\_\_.

A Gopal Krishna Gokhale

B Madan Mohan Malviya

C Deen Dayal Upadhyaya

D Ram Manohar Lohia

Answer: C

## Quantitative Aptitude

#### Instructions

For the following questions answer them individually

#### Question 101

The internal length of a room is two times its breadth and three times its height. The total cost of painting its four walls at the rate of ₹25/m<sup>2</sup> is ₹3,600. What is the cost of laying a carpet on its floor at the rate of ₹90.50/m<sup>2</sup>?

A ₹6,516

B ₹7,240

C ₹5,430

D ₹5,970

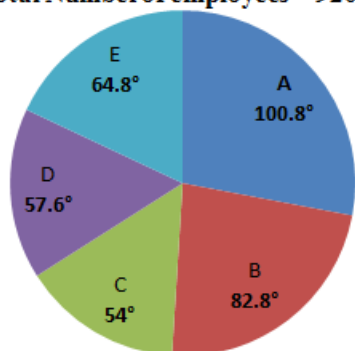
Answer: A

Question 102

Study the pie-chart and answer the question.

Distribution (degree wise) of the total number of employees of a company in its five offices A, B, C, D & E

Total Number of employees = 9200



If 50% of the employees in office E are transferred to office D, then what percentage of the total number of employees of the company is the number of employees in office D?

- A 28
- B 25
- C 26
- D 30

Answer: B

Question 103

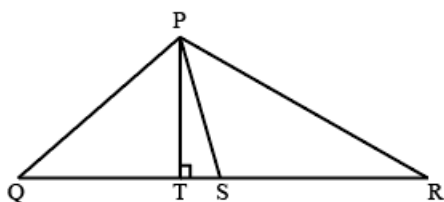
On selling an article for ₹115, the gain is 20% more than the loss incurred on selling it for ₹104. If the article is sold for ₹130.80, then the profit percentage is:

- A 25
- B 18
- C 30
- D 20

Answer: D

Question 104

In the Figure in  $\triangle PQR$   $PT \perp QR$  at T and PS is the bisector of  $\angle QPR$ . If  $\angle PQR = 78^\circ$ , and  $\angle TPS = 24^\circ$  then the measure of  $\angle PRQ$  is



- A  $42^\circ$
- B  $39^\circ$
- C  $30^\circ$

D  $40^\circ$

Answer: C

**Question 105**

The sides of a triangular field are 120 m, 170 m and 250 m. The cost of levelling the field at the rate of ₹7.40/m<sup>2</sup> is:

A ₹65,120

B ₹63,640

C ₹59,200

D ₹66,600

Answer: D

**Question 106**

ABCD is a cyclic quadrilateral in which AB = 15 cm, BC = 12 cm and CD = 10 cm. If AC bisects BD, then what is the measure of AD?

A 15 cm

B 13.5 cm

C 18 cm

D 20 cm

Answer: C

**Question 107**

In a class, there are 54 students.  $33\frac{1}{3}\%$  of the number of students are boys and rest are girls. The average score in mathematics of boys is 50% more than that of the girls. If the average score of all the students is 70, then what is the average score of the boys?

A 81

B 84

C 87

D 90

Answer: D

**Question 108**

The value of  $\frac{(0.321)^3 + (0.456)^3 - (0.777)^3}{0.9 \times (0.107)(0.76)(0.777)}$  is

A 60

B -6



C  $-3$

D 30

Answer: B

**Question 109**

If  $x^2 - 4x + 1 = 0$ , then what is the value of  $(x^6 + x^{-6})$ ?

A 2786

B 2702

C 2716

D 2744

Answer: B

**Question 110**

3 men and 5 women together can complete a work in 6 days, whereas 4 men and 9 women together can do it in 4 days. How many women are required to do the same work in 7 days?

A 15

B 12

C 14

D 10

Answer: B

**Question 111**

The value of  $\frac{5-2 \div 4 \times [5-(3-4)] + 5 \times 4 \div 2}{4+4 \div 8}$  of  $\frac{2 \times (8-5) \times 2 \div 3 - 8 \div 2}{8}$

A  $\frac{9}{8}$

B  $\frac{9}{4}$

C  $\frac{15}{32}$

D  $\frac{89}{4}$

Answer: A

**Question 112**

A right circular cylinder of maximum possible size is cut out from a solid wooden cube. The remaining material of the cube is what percentage of the original cube? (Take  $\pi = 3.14$ )

A 22.4

B 21.5

C 22.8

D 21.8

Answer: B

#### Question 113

A person bought an article at 30% discount on its marked price. The person then sold it at 30% profit for ₹427.70. What was the marked price of the article?

A ₹470

B ₹450

C ₹500

D ₹480

Answer: A

#### Question 114

The average of 19 numbers is 22.8. The average of the first ten numbers is 18.4 and that of the last ten numbers is 28.6. If the 10<sup>th</sup> number is excluded from the given numbers, then what is the average of the remaining numbers? (Your answer should be nearest to an integer.)

A 21

B 23

C 22

D 20

Answer: C

#### Question 115

How many natural numbers up to 2001 are divisible by 3 or 4 but not 5?

A 768

B 801

C 934

D 1067

Answer: B

#### Question 116

A student was asked to find the value of  $(2\frac{1}{3} + 2\frac{1}{2} - \frac{1}{6}) \div 2\frac{1}{3} \times 5\frac{2}{3} \div \frac{1}{3}$  of  $4\frac{1}{4}$ . His answer was  $\frac{6}{7}$ . What is the difference between correct answer and his answer?

A  $\frac{9}{14}$

**B**  $\frac{5}{14}$

**C**  $\frac{11}{49}$

**D**  $\frac{6}{49}$

**Answer: D**

**Question 117**

A ladder leaning against a window of a house makes an angle of  $60^\circ$  with the ground. If the distance of the foot of the ladder from the wall is 4.2 m, then the height of the point, where the ladder touches the window from the ground is Closest to:

**A** 7.3 m

**B** 6.8 m

**C** 7.8 m

**D** 7 m

**Answer: C**

**Question 118**

In  $\triangle ABC$ ,  $\angle C = 90^\circ$ . M and N are the mid-points of sides AB and AC, respectively. CM and BN intersect each other at D and  $\angle BDC = 90^\circ$ . If BC = 8 cm, then the length of BN is:

**A**  $6\sqrt{3}$  cm

**B**  $6\sqrt{6}$  cm

**C**  $4\sqrt{6}$  cm

**D**  $8\sqrt{3}$  cm

**Answer: D**

**Question 119**

A train of length 342 m is running at 54 km/h. In how much time (in seconds) will it cross a bridge of length 438 m?

**A** 48

**B** 50

**C** 54

**D** 52

**Answer: B**

**Question 120**

A, B, and C started a business. A invested  $33\frac{1}{3}\%$  of the total capital. B invests  $33\frac{1}{3}\%$  of the remaining capital and C, the remaining. If the total profit at the end of the year was ₹ 20,250 then the profit of C exceeds the profit of B by

- A ₹5,200
- B ₹4,500
- C ₹6,750
- D ₹2,700

**Answer: B**

**Question 121**

The LCM of 165, 176, 385 and 495 is k. When k is divided by the HCF of the numbers, the quotient is p. What is the value of p?

- A 2520
- B 5040
- C 6720
- D 3360

**Answer: B**

**Question 122**

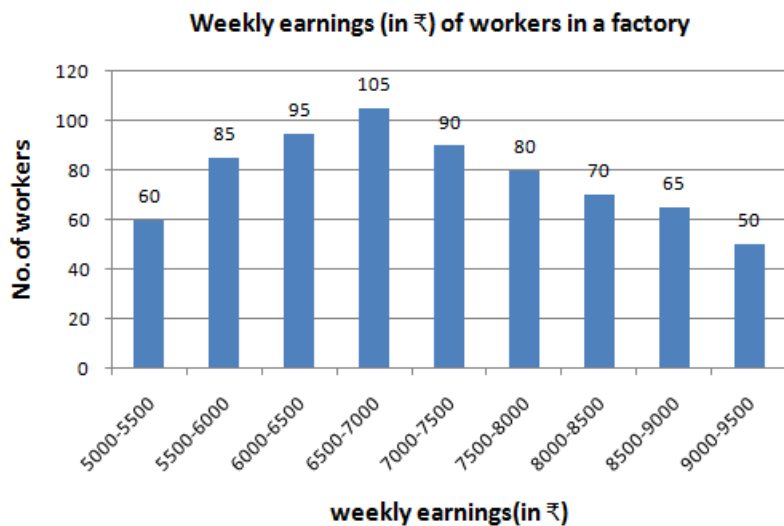
The ratio of expenditure and savings of a person is 5 : 3. If the income increases by 20% and the expenditure increases by 10%, then the person's savings increase by:

- A  $36\frac{2}{3}\%$
- B  $33\frac{1}{3}\%$
- C  $13\frac{2}{3}\%$
- D  $30\frac{1}{3}\%$

**Answer: A**

Question 123

Study the graph and answer the question.



The number of workers in the factory whose weekly earnings are below ₹7,000 is what percentage more than the Number of workers whose weekly earnings are ₹7,000 or above but less than ₹8,500?

- A 43.75
- B 42.50
- C 44.25
- D 45.25

Answer: A

Question 124

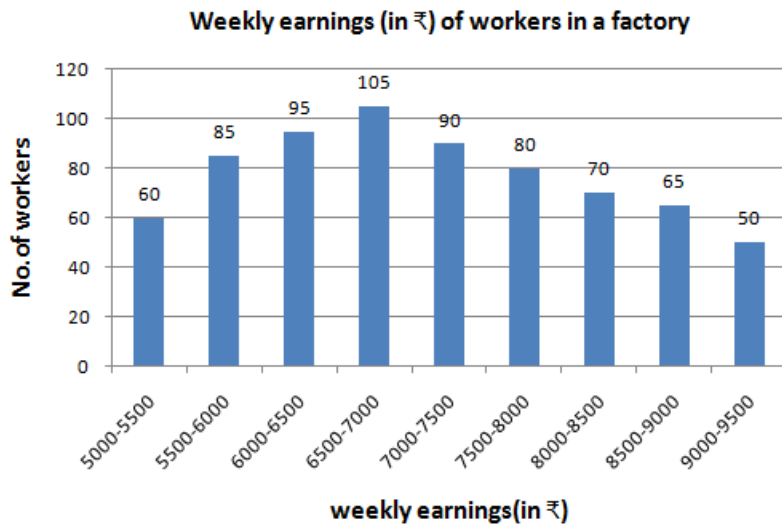
A pole of length 7 m is fixed vertically on the top of a tower. The angle of elevation of the top of the pole observed from a point on the ground is  $60^\circ$  and the angle of depression of the same point on the ground from the top of the tower is  $45^\circ$ . The height (in m) of the tower is:

- A  $7(2\sqrt{3} - 1)$
- B  $\frac{7}{2}(\sqrt{3} + 2)$
- C  $7\sqrt{3}$
- D  $\frac{7}{2}(\sqrt{3} + 1)$

Answer: D

Question 125

Study the graph and answer the question.



What percentage of total number of workers in the factory is the number of workers whose weekly earnings are ₹6,500 or above but less than ₹8,500? (Your answer should be correct to one decimal place.)

- A 50.2
- B 42.6
- C 35.8
- D 49.3

Answer: D

Question 126

A is 75% less than B and C is 75% of the difference between A and B. C is what percentage more than A?

- A 125
- B 100
- C 75
- D 90

Answer: A

Question 127

In a test consisting of 120 questions, Anuradha answered 65% of the first 60 questions correctly. What percentage of the remaining questions does she need to answer correctly to score 75% in the test?

- A 80
- B 85
- C 84

D 90

Answer: B

Question 128

Taps A and can fill a tank in 15 minutes and 10 minutes, respectively while tap C can empty the full tank in x minutes. If all the three taps are opened together, the tank is filled completely in 8 minutes. Tap C alone will empty on part of the tank in 5 Tap calone will empty  $\frac{3}{8}$  th part of the tank in:

A 10 minutes

B  $10\frac{1}{2}$  minutes

C 9 minutes

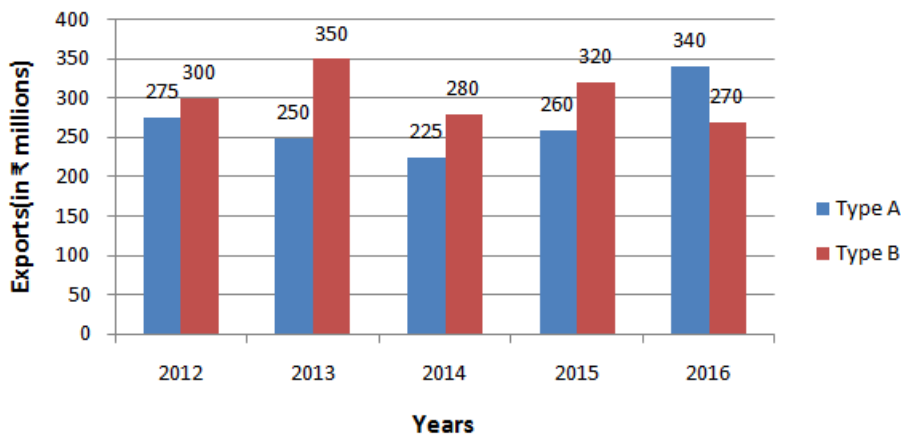
D  $8\frac{1}{2}$  minutes

Answer: C

Question 129

Study the graph and answer the question.

Exports (in ₹ millions) of cars of Type A and Type B over the years



In which year, were the exports of type B cars exactly 20% more than the exports of type A cars in 2014?

A 2015

B 2016

C 2012

D 2013

Answer: C

Question 130

If r is the remainder 2013 when each of 6454, 7306 and 8797 is divided by the greatest number d (d > 1), then (d-r) is equal to:

A 126

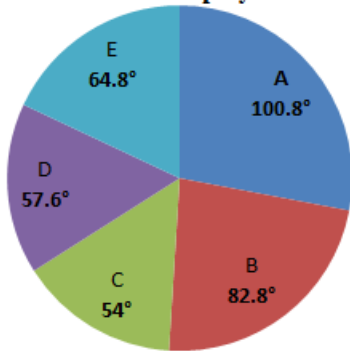
- B 64
- C 137
- D 149

Answer: D

**Question 131**

Study the pie-chart and answer the question.

**Distribution (degree wise) of the total number of employees of a company in its five offices A, B, C, D & E**  
**Total Number of employees = 9200**



Total number of employees of the company in offices C and D exceeds the number of employees in office B by x, where X lies between:

- A 720 and 740
- B 680 and 700
- C 700 and 720
- D 740 and 760

Answer: A

**Question 132**

Pipe A and B can empty a full tank in 18 hours and 24 hours, respectively. Pipe C alone can fill the tank in 36 hours. If the tank is  $\frac{5}{6}$  full and all the three pipes

- A  $10\frac{1}{2}$
- B  $12\frac{1}{2}$
- C 10
- D 12

Answer: D

**Question 133**

If  $3(\cot^2 \theta - \cos^2 \theta) = 1 - \sin^2 \theta$ ,  $0^\circ < \theta < 90^\circ$ , then the  $\theta$  equal to



- A  $30^\circ$
- B  $60^\circ$
- C  $45^\circ$
- D  $15^\circ$

Answer: B

**Question 134**

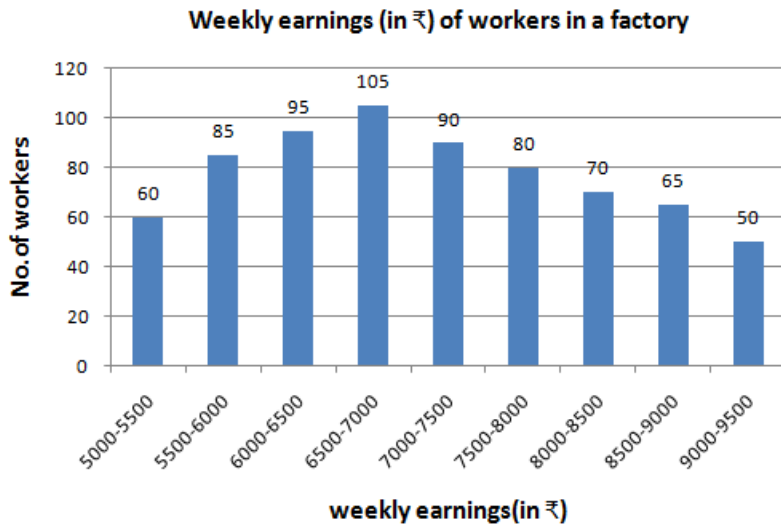
If  $(x^3 + \frac{1}{x^3} - k)^2 + (x + \frac{1}{x} - p)^2 = 0$  where k and p are real numbers and  $x \neq 0$ , then  $\frac{k}{p}$  is equal to:

- A  $P^2 + 1$
- B  $P^2 + 3$
- C  $P^2 - 1$
- D  $P^2 - 3$

Answer: D

**Question 135**

Study the graph and answer the question.



The number of workers in the factory whose weekly earnings are ₹5,500 or more but less than ₹7,500 is:

- A 375
- B 285
- C 345
- D 240

Answer: A

**Question 136**

If  $x^4 + x^2y^2 + y^4 = 133$  and  $x^2 - xy + y^2 = 7$ , then what is the value of  $xy$ ?

- A 8
- B 12
- C 4
- D 6

**Answer: D**

**Question 137**

The value of  $\tan^2 48^\circ - \operatorname{cosec}^2 42^\circ + \operatorname{cosec}(67^\circ + \theta) - \sec(23^\circ - \theta)$  is:

- A -1
- B 0
- C 1
- D -2

**Answer: A**

**Question 138**

The value of  $\sqrt{9 - 2\sqrt{11 - 6\sqrt{2}}}$  is closest to:

- A 2.7
- B 2.9
- C 2.4
- D 2.1

**Answer: C**

**Question 139**

Two chords AB and CD of a circle intersect each other at P internally. If AP = 3.5 cm, PC = 5 cm, and DP = 7 cm, then what is the measure of PB?

- A 8 cm
- B 12 cm
- C 10 cm
- D 10.5 cm

**Answer: C**

**Question 140**

The marked price of a washing machine is ₹7,200. If it is sold for ₹5,512.50 after two successive discounts of  $x\%$  each. The value of  $x$  is

- A 12
- B 12.5
- C 10.5
- D 15

**Answer: B**

**Question 141**

The compound interest on a certain sum invested for 2 years at 10% per annum is ₹1,522.50, the interest being compounded yearly. The sum is:

- A ₹7,250
- B ₹7,200
- C ₹7,500
- D ₹7,000

**Answer: A**

**Question 142**

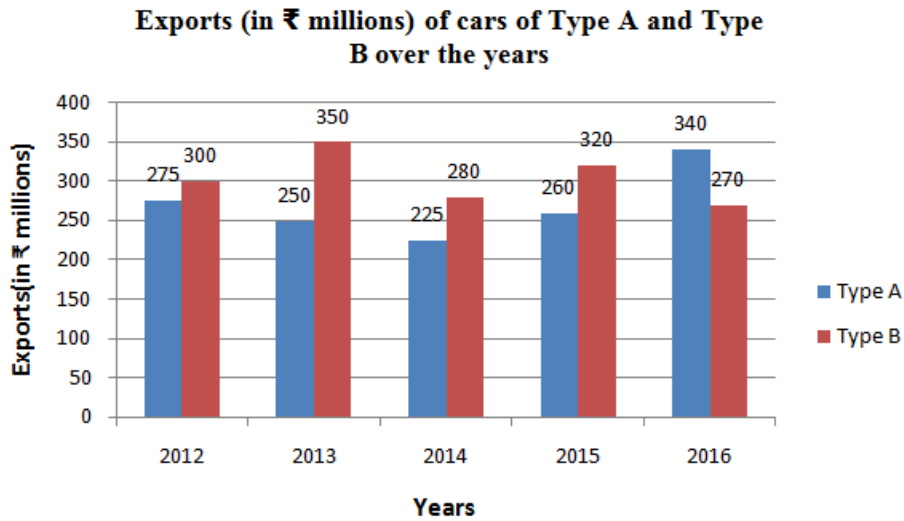
The radius and height of a right circular cone are in the ratio 1: (2.4). If its curved surface area is  $2502.5 \text{ cm}^2$ , then what is its volume (Take  $\pi = \frac{22}{7}$ )

- A  $8085 \text{ cm}^3$
- B  $8820 \text{ cm}^3$
- C  $11550 \text{ cm}^3$
- D  $13475 \text{ cm}^3$

**Answer: D**

Question 143

Study the graph and answer the question.



In how many years were the exports of type B cars more than the average exports of type A cars during 2012 to 2016?

- A 2
- B 3
- C 1
- D 4

Answer: D

Question 144

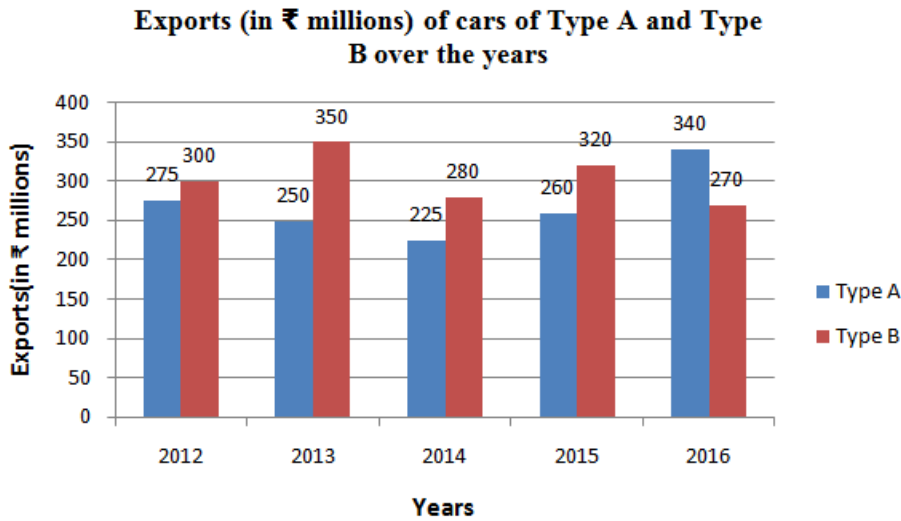
A boat takes 4 hours to travel from a place X to Y downstream and back from Y to X upstream. If the distance from X to Y is 10.5 km, and the speed of the current is 9 km/h, then the speed of the boat in still water, in km/h is:

- A  $10\frac{1}{2}$
- B 15
- C 12
- D  $12\frac{1}{2}$

Answer: C

Question 145

Study the graph and answer the question.



The exports of type A cars in 2016 are what percentage less than the total exports of type B cars in 2014 and 2015?

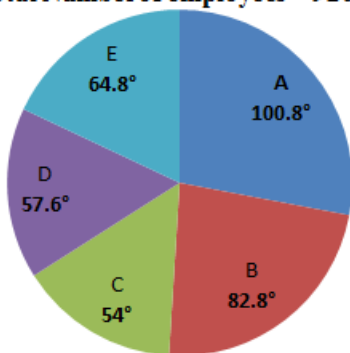
- A  $26\frac{2}{3}$
- B 32
- C 45
- D  $43\frac{1}{3}$

Answer: D

Question 146

Study the pie-chart and answer the question.

**Distribution (degree wise) of the total number of employees of a company in its five offices A, B, C, D & E**  
 Total Number of employees = 9200



The total number of employees of the company in offices D and E is what percentage more than the number of employees in office A? (Your answer should be correct to one decimal place.)

- A 21.8
- B 20.6
- C 21.4
- D 22.2

Answer: C

Question 147

A can complete one-third of a work in 10 days and B can do  $\frac{3}{5}$ th of the same work in 24 days. They worked together for 10 days. The remaining work was completed by C alone in 15 days. In how many days can C alone do  $\frac{2}{3}$ rd of the same work?

A ₹12,800

B ₹12,500

C ₹13,200

D ₹12,000

Answer: B

Question 148

Two equal sums(in ₹) are lent at 8% and 4% simple interest p.a, respectively at the same time. The first sum is received 2 years earlier than the other and the amount received in each case is ₹14,500. Each sum is:

A ₹12,800

B ₹12,500

C ₹13,200

D ₹12,000

Answer: B

Question 149

A sum of ₹12,000 is divided between A, B, C and D such that the ratio of shares of A and is 8 : 9, that of B and C is 2:3 and that of C and D is 9 : 13. What is the difference between the shares of B and D?

A ₹1,320

B ₹2,400

C ₹2,520

D ₹2,760

Answer: C

Question 150

The height of a cylinder is  $\frac{2}{3}$ rd of its diameter. Its volume is equal to the volume of a sphere whose radius is 4 cm. What is the curved surface area (in  $\text{cm}^2$ ) of the cylinder?

A  $\frac{112}{3} \pi$

B  $32 \pi$

C  $\frac{128}{3} \pi$

D  $40 \pi$

Answer: C

## English Comprehension

### Instructions

For the following questions answer them individually

### Question 151

Select the most appropriate synonym of the given word.

**EXASPERATE**

- A Infuriate
- B Appreciate
- C Imitate
- D Desperate

Answer: A

### Explanation:

Synonym of exasperate - Infuriate, incense, anger, annoy, irritate

### Question 152

Select the most appropriate option to fill in the blank

This is the reason \_\_\_\_\_ I don't attend parties.

- A why
- B since
- C because
- D so

Answer: A

### Question 153

Select the most appropriate meaning of the given idiom

To read between the lines

- A to understand the implied meaning
- B to completely misunderstand the meaning
- C to read with great difficulty
- D to critically analyse a piece of writing

Answer: A

**Question 154**

Select the most appropriate antonym of the given word.

**REPRIMAND**

- A Reproof
- B Reward
- C Redeem
- D Rebuke

**Answer: B**

**Question 155**

Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

Employees refrain to indulge in undesirable activities if they are monitored

- A refrain for indulgence
- B refrain from indulging
- C refrain against indulging
- D No substitution

**Answer: B**

**Question 156**

Select the most appropriate meaning of the given idiom.

**To blaze a trail**

- A to initiate something new
- B to act impulsively
- C to set fire to something
- D to complete a project

**Answer: A**

**Question 157**

Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution.'

Some people in the audience were asleep while the chief guest was speaking.

- A whenever the chief guest spoke
- B when the chief guest has spoken
- C while a chief guest is speaking
- D No substitution

**Answer: D**



**Question 158**

Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'  
The colour of her cheeks is like a rose.

- A are like a rose
- B are just as a rose
- C is like that of a rose
- D No substitution

**Answer: C**

**Question 159**

Select the correctly spelt word.

- A Credible
- B Credibel
- C Creddible
- D Credibal

**Answer: A**

**Question 160**

Select the option which is the most appropriate one word substitution for the given group of words.  
One who is sixty years old

- A Sexagenarian
- B Octogenarian
- C Septuagenarian
- D Nonagenarian

**Answer: A**

**Question 161**

Identify the segment that contains a grammatical error. If there is no error, select 'No error'  
The day before yesterday he left for Europe by the air.

- A The day before yesterday
- B No error
- C by the air

D he left for the Europe

**Answer: C**

**Question 162**

**Identify the segment that contains a grammatical error. If there is no error, select 'No error'**  
**I wish I have worked harder than I did.**

A I wish

B I have worked

C harder than I did

D No error

**Answer: B**

**Question 163**

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

**FEIGN**

A Hinder

B Instruct

C Foretell

D Pretend

**Answer: D**

**Question 164**

**Select the wrongly spelt word**

A Refurbish

B Residue

C Relagate

D Retrospect

**Answer: C**

**Question 165**

**Identify the segment that contains a grammatical error. If there is no error, select 'No error'**  
**This document has signed by two persons.**

A This document

B No error

C by two persons

D has signed

**Answer: D**

**Question 166**

**Select the most appropriate antonym of the given word.**

**COMPLY**

- A Consent
- B Defer
- C Adhere
- D Oppose

**Answer: D**

**Question 167**

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

**EFFICACIOUS**

- A Voracious
- B Effective
- C Audacious
- D Impotent

**Answer: A**

**Question 168**

**Select the wrongly spelt word**

- A Embarrass
- B Embrace
- C Embody
- D Embelish

**Answer: D**

**Question 169**

**Select the option which is the most appropriate one word substitution for the given group of words.**

**That which cannot be seen through**

- A opaque
- B transparent
- C impervious
- D translucent

**Answer: A**

**Question 170**

Select the most appropriate antonym of the given word.

**BESEECH**

- A Implore
- B Exhort
- C Command
- D Invoke

**Answer: C**

**Question 171**

Select the correctly spelt word.

- A Benigne
- B Bennine
- C Benine
- D Benign

**Answer: D**

**Question 172**

Select the wrongly spelt word

- A Tranquillity
- B Conscientious
- C Hinderance
- D Quarrelled

**Answer: C**

**Question 173**

Select the most appropriate meaning of the given idiom.

**A dark horse**

- A an expected outcome
- B an unknown genius
- C a well kept secret
- D a horse of a fine breed

**Answer: B**

**Question 174**

**Select the most appropriate meaning of the given idiom.**

**To make castles in the ai**

- A to be very ambitious
- B to accomplish difficult tasks
- C to show signs of cowardice
- D to create impossible dreams or hopes

**Answer: D**

**Question 175**

**Select the most appropriate option to fill in the blank.**

**He had hardly gone a few kilometres \_\_\_\_\_ his car broke down.**

- A when
- B that
- C where
- D than

**Answer: A**

**Question 176**

**Select the most appropriate option to fill in the blank.**

**This fabric is \_\_\_\_\_ though cheaper than other fabrics.**

- A as good as
- B as good
- C more good
- D so good as

**Answer: A**

**Question 177**

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

**BEGUILE**

- A Repulse
- B Hasten
- C Deceive
- D Disenchant

**Answer: C**

**Question 178**

Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'  
The assignment was so difficult for Mohit to do on his own.

- A was too difficult
- B was so much difficult
- C No substitution
- D were so difficult

**Answer: A**

**Question 179**

Select the most appropriate option to fill in the blank.  
She had won the match when we \_\_\_\_\_ the venue

- A reach
- B reached
- C had been reaching
- D are reaching

**Answer: B**

**Question 180**

Select the option which is the most appropriate one word substitution for the given group of words.  
A place where weapons and ammunitions are stored

- A Godown
- B Hangar
- C Museum
- D Arsenal

**Answer: D**

**Instructions**

Read the given passage and answer the questions that follow.

**Comprehension:**

It was the buzz of boardrooms, power lunches and anxious phone calls from the freeway. It was debated by stockbrokers, real estate agents, Hollywood producers and media big feet. Mid-level executives who wouldn't leave home without a phone in their pocket - or at their ear - were putting off calls or finding other ways to make them. Sales of cellular phones which had been growing at a sizzling 20% to 70% a year for the past decade were temporarily put on hold.

Do cellular phones really cause brain tumours? The safety of the ultimate yuppie accessory was called into question by the news in the U.S. that two prominent executives had been stricken by brain cancer (though the connection to phone use is unclear) and by a well publicised lawsuit in which a Florida man charged that his wife's fatal brain tumour was caused by her cellular phone.

It was not the kind of evidence that would be accepted by the new England Journal of Medicine, but it struck a nerve. American viewers tuned in to hear David Reynard, the Florida widower tell the story of his wife's death to Larry King, Bryant Gumbel, Faith Daniels and dozens of radio talk-show hosts.

Even wall street took notice, knocking a couple of points off McCaw Cellular, Contel Cellular and Motorola the day after Reynard's appearance on the Larry King live show. The Cellular Telecommunications Industry Association was finally forced to respond, announcing that it would fund new studies and ask the government to review the findings.

The phone flap is the latest in a series of scares linking everyday electrical objects (hair dryers, electric razors, electric blankets, home computers) to one dreaded disease or another. Despite the panic, the case against cellular phones is nowhere near as strong as the ones mounted against electric power lines, electric blankets or even hand held police radars.

#### Question 181

**What was the buzz of boardrooms and the issue for debate among stockbrokers, real estate agents, producers and others?**

- A Excitement about the popular talk shows on radio
- B The concern whether cellular phones caused brain tumours
- C . Growing sales of cellular phones
- D The safety of all electrical gadgets

**Answer: B**

#### Question 182

**What was the result of the controversy over cellular phones?**

- A David Reynard won the lawsuit against cellular companies.
- B The cellular phones became more popular.
- C The share value of cell phone companies fell in the stock market
- D The New England Journal of Medicine accepted that cell phones caused brain tumour

**Answer: C**

#### Question 183

**Which of the following statements is Not true?**

- A David Reynard claimed that his wife's tumour was due to use of cellular phone.
- B The news on adverse effects of cell phones affected the sales
- C Brain tumour is more probable in cell phone users than in those living near power lines
- D McCaw, Motorola and Contel are cellphone companies.

**Answer: C**

#### Question 184

**According to the passage which of these is Not linked to any dreaded disease?**

- A Hair dryer
- B Electric razor

- C Hair dyes
- D Electric blanket

**Answer: C**

**Question 185**

**Larry King is probably**

- A a wall street broker
- B a famous TV show host
- C an owner of a cellular phone company
- D a famous criminal lawyer

**Answer: B**

**Instructions**

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.

**Comprehension:**

If we accept the aim of education as the harmonious development of human personality, we observe that examinations fail to (1)\_\_\_\_\_ this development accurately. They neither take a (2)\_\_\_\_\_ of one's physical and spiritual development (3)\_\_\_\_\_ even of one's intelligence. All they can claim (4)\_\_\_\_\_ is to test one's (5)\_\_\_\_\_ or one's capacity for cramming.

**Question 186**

**Select the most appropriate option to fill in blank No.1**

- A assess
- B accept
- C except
- D excess

**Answer: A**

**Question 187**

**Select the most appropriate option to fill in blank No.2**

- A quota
- B magnitude
- C Scope
- D measure

**Answer: D**



**Question 188**

Select the most appropriate option to fill in blank No.3

- A nor
- B not
- C or
- D and

**Answer: A**

**Question 189**

Select the most appropriate option to fill in blank No.4

- A to be doing
- B to be done
- C to do
- D for doing

**Answer: C**

**Question 190**

Select the most appropriate option to fill in blank No.5

- A . memory
- B memorial
- C memories
- D . memorable

**Answer: A**

**Instructions**

For the following questions answer them individually

**Question 191**

Select the most appropriate meaning of the given idiom  
**Of the first water**

- A of ancient origin
- B of favorable opinion
- C of no significance
- D of the best quality

**Answer: D**

**Question 192**

Select the most appropriate option to fill in the blank.

Plenty of information about the flora and fauna of India \_\_\_\_\_ available in this book.

- A are
- B has
- C is
- D were

**Answer: C**

**Question 193**

Select the most appropriate synonym of the given word

**DEFERENCE**

- A Contrast
- B Delay
- C Ignorance
- D Obeisance

**Answer: D**

**Question 194**

Identify the segment that contains a grammatical error. If there is no error, select 'No error'  
I ordered his dismissal when he flouted the company rules.

- A I ordered his dismissal
- B No error
- C when he flouted
- D the company rules

**Answer: B**

**Question 195**

Select the option which is the most appropriate one word substitution for the given group of words.  
Giving up one's authority or throne

- A Abdication
- B Abduction
- C Abjection
- D Abjuration

**Answer: A**

**Question 196**

Select the option which is the most appropriate one word substitution for the given group of words.  
Careful in performing duties

- A Obedient
- B Sincere
- C Punctilious
- D Punctual

**Answer: C**

**Question 197**

Identify the segment that contains a grammatical error. If there is no error, select 'No error'  
Fate smiled above him in all his business ventures.

- A No error
- B in all his
- C business ventures
- D Fate smiled above him

**Answer: D**

**Question 198**

Select the most appropriate antonym of the given word.  
SAGACIOUS

- A Prudent
- B Ingenious
- C Ignorant
- D Astute

**Answer: C**

**Question 199**

Select the most appropriate antonym of the given word.  
ADORN

- A Grace
- B Disfigure
- C Enrich
- D Subdue

**Answer: B**

**Question 200**

Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'  
The student, with his parents were asked for waiting outside the Principal's office.

- A was asked to wait
- B were asked to wait
- C No substitution
- D were asked to be waiting

**Answer: A**