

# SSC CGL 2017 EXAM PAPER : Held on 11-AUG-2017 Shift-2

## (Reasoning)

**QID : 101** - In the following question, select the related word pair from the given alternatives.

Heart : Organ :: ? : ?

**Options:**

- 1) Bones : Calcium
- 2) Eyes : Organ
- 3) Leg : Feet
- 4) Ear : Sense

**Correct Answer:** Eyes : Organ

**QID : 102** - In the following question, select the related letters from the given alternatives.

BPTW : CQUX :: CHNS : ?

**Options:**

- 1) DIST
- 2) DIOT
- 3) BGOT
- 4) DSTO

**Correct Answer:** DIOT

**QID : 103** - In the following question, select the related number from the given alternatives.

48 : 63 :: 80 : ?

**Options:**

- 1) 97
- 2) 98
- 3) 99
- 4) 101

**Correct Answer:** 99

**QID : 104** - In the following question, select the odd word pair from the given alternatives.

**Options:**

- 1) Calendar : Dates
- 2) Dairy : Milk
- 3) Notebook : Notes
- 4) Accounts : Entries

**Correct Answer:** Dairy : Milk

**QID : 105** - In the following question, select the odd letters from the given alternatives.

**Options:**

- 1) M
- 2) E
- 3) S
- 4) W

**Correct Answer:** E

**QID : 106** - In the following question, select the odd number from the given alternatives.

**Options:**

- 1) 26
- 2) 50
- 3) 82
- 4) 120

**Correct Answer:** 120

**QID : 107** - Arrange the given words in the sequence in which they occur in the dictionary.

1. Train
2. Topper
3. Tingling
4. Tumbler
5. Traction

**Options:**

- 1) 23541
- 2) 32154
- 3) 25314
- 4) 32514

**Correct Answer:** 32514

**QID : 108** - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

DK, FN, HQ, ?

**Options:**

- 1) KS
- 2) JT
- 3) KT
- 4) JS

**Correct Answer:** JT

**QID : 109** - In the following question, select the missing number from the given series.

2, 5, 17, 71, ?

**Options:**

1) 131

2) 247

3) 359

4) 419

**Correct Answer:** 359

**QID : 110** - Akshar remembers that the match is after 26th April but before 30th April, while Suresh remembers that the match is after 22nd April but before 28th April. On which date of April is the match?

**Options:**

1) 29

2) 26

3) 27

4) 28

**Correct Answer:** 27

**QID : 111** - In a row of books a book of English is 16th from left end of row. A book of Mathematics is 12th from the right end. If the Mathematics book is 6th to the right of the English book, then how many total books are in the row?

**Options:**

1) 33

2) 32

3) 34

4) 31

**Correct Answer:** 33

**QID : 112** - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Passenger

**Options:**

1) Anger

2) Pass

3) Page

4) Pain

**Correct Answer:** Pain

**QID : 113** - In a certain code language, "TREASON" is written as "RKWWINX" and "POULTRY" is written as "CNXH YKT". How is "NUMBER" written in that code language?

**Options:**

1) NIXQQR

2) JAIFAV

3) RQQXIN

4) VAFIAJ

**Correct Answer:** NIXQQR

**QID : 114** - In the following question, by using which mathematical operators will the expression become correct?

$30 \ ? \ 6 \ ? \ 4 \ ? \ 5 \ ? \ 4$

**Options:**

1)  $-$ ,  $=$ ,  $\times$  and  $+$

2)  $+$ ,  $=$ ,  $\times$  and  $-$

3)  $=$ ,  $\times$ ,  $+$  and  $-$

4)  $-$ ,  $+$ ,  $=$  and  $\times$

**Correct Answer:**  $-$ ,  $=$ ,  $\times$  and  $+$

**QID : 115** - If  $13 \# 9 = 94$  and  $18 \# 7 = 100$ , then  $24 \# 6 = ?$

**Options:**

1) 121

2) 113

3) 148

4) 115

**Correct Answer:** 113

**QID : 116** -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिन्ह (?) के स्थान पर आने वाली संख्या को चुनिए।

2	5
14	9

7	10
19	14

8	11
20	?

**Options:**

1) 14

2) 15

3) 17

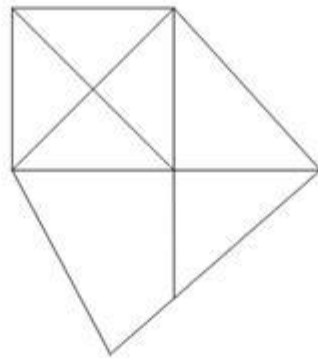
4) 19

**Correct Answer: 15**

**QID : 117 -**

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



**Options:**

1) 11

2) 12

3) 13

4) 15

**Correct Answer: 13**

**QID : 118** - In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All books are erasers.
- II. All sharpeners are books.

Conclusions:

- I. All sharpeners are erasers.
- II. Some books are sharpeners.

**Options:**

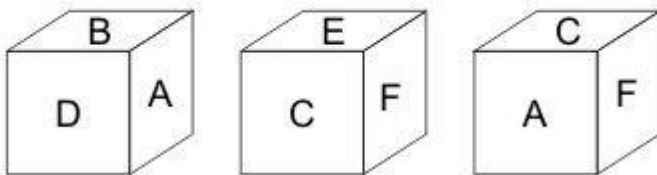
- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Both conclusion follow.
- 4) Neither conclusion (I) nor conclusion (II) follows.

**Correct Answer:** Both conclusion follow.

**QID : 119** -

Three positions of a cube are shown below. What will come opposite to face containing 'E'?

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। अक्षर 'E' के विपरीत फलक पर कौन सा अक्षर आयेगा?



**Options:**

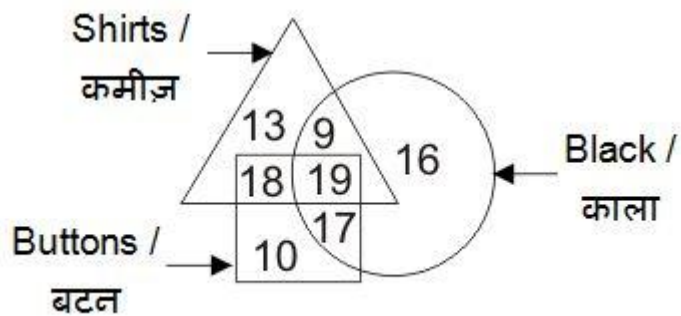
- 1) B
- 2) D
- 3) A
- 4) F

**Correct Answer:** A

**QID : 120** -

In the given figure, how many black buttons are shirts?

दी गई आकृति में, कितने काले बटन कमीज़ हैं?



**Options:**

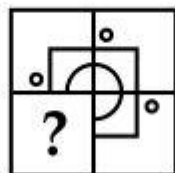
- 1) 37
- 2) 19
- 3) 36
- 4) 27

**Correct Answer:** 19

**QID :** 121 -

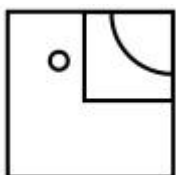
Which answer figure will complete the pattern in the question figure?

कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?

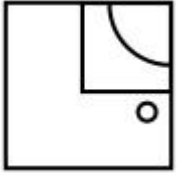


**Options:**

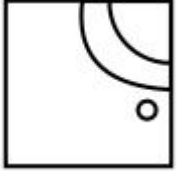
- 1)



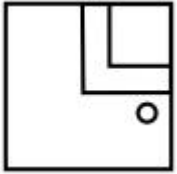
- 2)



3)



4)

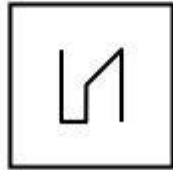


**Correct Answer:**

**QID : 122 -**

From the given answer figures, select the one in which the question figure is hidden/embedded.

दी गई उत्तर आकृतियों में से उस उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



**Options:**

1)



2)





3)



4)



Correct Answer:

QID : 123 -

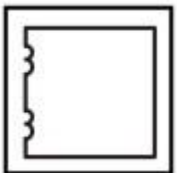
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

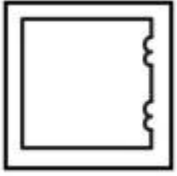


Options: ▼

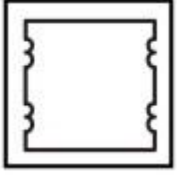
1)



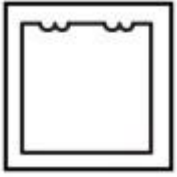
2)



3)



4)

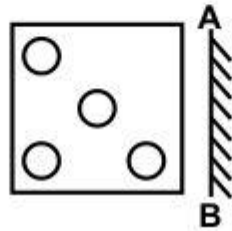


**Correct Answer:**

**QID : 124 -**

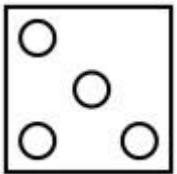
If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?

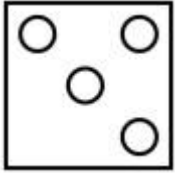


**Options:**

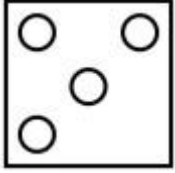
1)



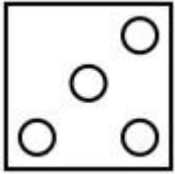
2)



3)



4)



**Correct Answer:**

**QID : 125 -**

PACE ACADEMY

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of **Matrix-I** are numbered from 0 to 4 and that of **Matrix-II** are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'P' can be represented by 12, 43, etc., and 'O' can be represented by 67, 88, etc. Similarly, you have to identify the set for the word "**STROM**".

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। **आव्यूह-I** के स्तम्भ और पंक्ति की संख्या 0 से 4 है और **आव्यूह-II** की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'P' को 12, 43, आदि द्वारा दर्शाया जा सकता है तथा 'O' को 67, 88, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "**STROM**" के लिए समूह को पहचानना है।

**Matrix-I**  
**आव्यूह-I**

	0	1	2	3	4
0	P	Q	R	S	T
1	S	T	P	Q	R
2	Q	R	S	T	P
3	T	P	Q	R	S
4	R	S	T	P	Q

**Matrix-II**  
**आव्यूह-II**

	5	6	7	8	9
5	N	O	M	L	K
6	L	K	O	M	N
7	O	L	N	K	M
8	M	N	K	O	L
9	K	M	L	N	O

**Options:**

- 1) 10, 04, 33, 57, 69
- 2) 41, 42, 14, 68, 86
- 3) 34, 23, 40, 88, 78
- 4) 22, 11, 21, 75, 96

**Correct Answer:** 22, 11, 21, 75, 96

**(General Awareness)**

**QID : 126** - An economic system combining private and state enterprise is called as \_\_\_\_\_

**Options:**

- 1) Market economy
- 2) Centrally planned economy
- 3) Private economy
- 4) Mixed economy

**Correct Answer:** Mixed economy

**QID : 127** - What was the main motive of Third Five Year Plan in India?

**Options:**

- 1) Rural development
- 2) Agriculture
- 3) Financial inclusion
- 4) Economic reform

**Correct Answer:** Agriculture

**QID : 128** - Under which article, President of India can proclaim constitutional emergency?

**Options:**

- 1) Article 32
- 2) Article 349
- 3) Article 356
- 4) Article 360

**Correct Answer:** Article 356

**QID : 129** - How many members of upper house (Rajya Sabha) can be nominated by President of India?

**Options:**

- 1) 10
- 2) 12
- 3) 14
- 4) 16

**Correct Answer:** 12

**QID : 130** - Who wrote 'Akbarnama'?

**Options:**

- 1) Abul Fazal
- 2) Faizi
- 3) Abdur Rahim
- 4) Abdul Qadir

**Correct Answer:** Abul Fazal

**QID : 131** - Which Sikh Guru initiated 'The Khalsa'?

**Options:**

- 1) Guru Nanak Dev
- 2) Guru Gobind Singh
- 3) Guru Angad Dev
- 4) Guru Tegh Bahadur

**Correct Answer:** Guru Gobind Singh

**QID : 132** - A difference between 2 longitudes at equator is nearby equivalent to \_\_\_\_\_ km.

**Options:**

- 1) 101
- 2) 111
- 3) 121
- 4) 91

**Correct Answer:** 111

**QID : 133** - Which of the following winds are hot dust laden and blow from Sahara desert towards Mediterranean Region?

**Options:**

- 1) Sirocco
- 2) Loo
- 3) Foehn
- 4) Mistral

**Correct Answer:** Sirocco

**QID : 134** - Which of the following are longest cells of human body?

**Options:**

- 1) Pancreatic cells
- 2) Epithelial cells
- 3) Nerve cells
- 4) Epidermal cells

**Correct Answer:** Nerve cells

**QID : 135** - Which of the following is responsible for giving colour to human skin?

**Options:**

- 1) Luciferin
- 2) Haemoglobin
- 3) Flavonoids
- 4) Melanin

**Correct Answer:** Melanin

**QID : 136** - Which of the following disease is non-communicable in nature?

**Options:**

- 1) Cholera
- 2) Chicken-pox
- 3) Tuberculosis
- 4) Cancer

**Correct Answer:** Cancer

**QID : 137** - Electric Motor converts \_\_\_\_\_ energy to mechanical energy

**Options:**

- 1) sound
- 2) mechanical

3) chemical

4) electrical

**Correct Answer:** electrical

**QID : 138** - Optical fibre works on which of the following principle of light?

**Options:**

1) Reflection

2) Refraction

3) Diffraction

4) Total internal reflection

**Correct Answer:** Total internal reflection

**QID : 139** - Which key is used to move to next line in a Ms-Word document?

Options:

1) Enter key

2) Escape key

3) Shift key

4) Return key

**Correct Answer:** Enter key

**QID : 140** - In which industry Potassium Nitrate is used commercially?

**Options:**

1) Glass Manufacturing

2) Electroplating

3) Fire Cracker Manufacturing

4) Leather Industry

**Correct Answer:** Fire Cracker Manufacturing

**QID : 141** - Which of the following is not an example of Allotrope?

**Options:**

1) Diamond

2) Graphite

3) Ozone

4) Steel

**Correct Answer:** Steel

**QID : 142** - Which of the following three R's are regarded as environment friendly?

Options:

1) Reduce – Reuse – Recycle

2) Reduce – Reuse – Reutilize

3) Recollect – Reuse – Reutilize

4) Reduce – Renew – Reutilize

**Correct Answer:** Reduce – Reuse – Recycle

**QID : 143** - In which of the following city "Urja Ganga", 1500 km long gas pipeline project has been launched in October, 2016?

**Options:**

- 1) Ahmedabad
- 2) New Delhi
- 3) Ghaziabad
- 4) Varanasi

**Correct Answer:** Varanasi

**QID : 144** - Who invented Pentium Chip?

**Options:**

- 1) C. Kumar Patel
- 2) Tom Gunter
- 3) Vince Emery
- 4) Vinod Dham

**Correct Answer:** Vinod Dham

**QID : 145** - What is the duration (in minutes) of one-half of a football match?

**Options:**

- 1) 30
- 2) 35
- 3) 40
- 4) 45

**Correct Answer:** 45

**QID : 146** - Which one of the following films was not directed by Satyajit Ray?

**Options:**

- 1) Shatranj ke khiladi
- 2) Charulata
- 3) Jalsaghar
- 4) Gumnam

**Correct Answer:** Gumnam

**QID : 147** -



Match the following (Arjuna Award 2016).

निम्नलिखित का मिलान कीजिए (अर्जुन पुरस्कार 2016)।

Sport/ खेल	Player / खिलाड़ी
1. Shooting शूटिंग	a. Ajinkya Rahane अजिंक्य रहाणे
2. Hockey हॉकी	b. Apurvi Chandela अपूर्वी चंदेला
3. Cricket क्रिकेट	c. Ritu Rani रितु रानी

**Options:**

- 1) 1-b, 2-a, 3-c
- 2) 1-c, 2-a, 3-b
- 3) 1-b, 2-c, 3-a
- 4) 1-c, 2-b, 3-a

**Correct Answer:** 1-b, 2-c, 3-a

**QID : 148** - Which play of Shakespeare's was recently claimed to be dated wrongly?

**Options:**

- 1) Macbeth
- 2) Othello
- 3) Hamlet
- 4) Romeo Julliet

**Correct Answer:** Hamlet

**QID : 149** - Which of the following country has co-sponsored 'Cobra Gold' – an annual multilateral military exercise alongwith Thailand?

**Options:**

- 1) India
- 2) Indonesia
- 3) USA
- 4) China

**Correct Answer:** USA

**QID : 150** - The Gurudwara 'Panja Sahib' is located in which neighbouring country of India?

**Options:**

- 1) Pakistan

- 2) Bangladesh
- 3) Sri Lanka
- 4) Nepal

**Correct Answer:** Pakistan

## (Mathematics)

**QID : 151** - By what least number should 1200 be multiplied so that it becomes a perfect square?

**Options:**

- 1) 2
- 2) 3
- 3) 5
- 4) 13

**Correct Answer:** 3

**QID : 152** - A, B and C can complete a work in 10, 12 and 15 days respectively. All three of them starts together but after 2 days A leaves the job and B left the job 3 days before the work was completed. C completed the remaining work alone. In how many days was the total work completed?

**Options:**

- 1) 5
- 2) 6
- 3) 7
- 4) 8

**Correct Answer:** 7

**QID : 153** - A solid sphere of diameter 7 cm is cut into two equal halves. What will be the increase (in  $\text{cm}^2$ ) in the total surface area ?

**Options:**

- 1) 77
- 2) 154
- 3) 87
- 4) 38.5

**Correct Answer:** 77

**QID : 154** - After a discount of 23% an article is sold for Rs 1848. What is the marked price (in Rs) of the article?

**Options:**

- 1) 2150
- 2) 2275
- 3) 2350
- 4) 2400

**Correct Answer:** 2400

**QID : 155-**

If  $\frac{3}{5}P = \frac{7}{2}Q = \frac{7}{5}R$ , then what is the ratio of  $P$ ,  $Q$  and  $R$  respectively?

यदि  $\frac{3}{5}P = \frac{7}{2}Q = \frac{7}{5}R$ , तो क्रमशः  $P$ ,  $Q$  तथा  $R$  का अनुपात

क्या है?

**Options:**

- 1) 3 : 2 : 5
- 2) 3 : 35 : 14
- 3) 5 : 7 : 5
- 4) 35 : 6 : 15

**Correct Answer:** 35 : 6 : 15

**QID : 156** - What is the average of first 93 natural numbers?

**Options:**

- 1) 45
- 2) 46
- 3) 47
- 4) 49

**Correct Answer:** 47

**QID : 157** - A trader sells two items at the rate of Rs 400 each. If he gains 15% on one and losses 15% on other, then what is the value (in Rs) of loss ?

**Options:**

- 1) 18.41
- 2) 22.14
- 3) 20.25
- 4) 24.36

**Correct Answer:** 18.41

**QID : 158** - 30% of a number exceeds 25% of the same number by 27. What is the value of the number?

**Options:**

- 1) 540
- 2) 270
- 3) 108
- 4) 90

**Correct Answer:** 540

**QID : 159** - 37 trees are planted in a straight line such that distance between any two consecutive trees is same. A car takes 20 seconds to reach the 13th tree. How much more time (in seconds) will it take to reach the last tree?

**Options:**

- 1) 36
- 2) 40
- 3) 57
- 4) 60

**Correct Answer:** 40

**QID : 160** - If a certain sum of money doubles itself in 7 years 8 months at simple interest, then what will be the yearly rate of interest (in %)?

**Options:**

- 1)  
 $18\frac{3}{4}$
- 2)  
 $13\frac{1}{23}$
- 3)  
 $26\frac{2}{23}$
- 4) 30

**Correct Answer:**

**QID : 161** -

What is the value of  $\frac{1}{x^{(p-q)} + 1} + \frac{1}{x^{(q-p)} + 1}$  ?

$\frac{1}{x^{(p-q)} + 1} + \frac{1}{x^{(q-p)} + 1}$  का मान क्या है?

**Options:**

- 1) 0
- 2) 1
- 3)  $x^{(p-q)}$
- 4)  $x^{(p+q)}$

**Correct Answer: 1**

**QID : 162 -**

If  $x = 8 + 2\sqrt{15}$ , then what is the value of  $\sqrt{x} + \frac{1}{\sqrt{x}}$ ?

यदि  $x = 8 + 2\sqrt{15}$ , तो  $\sqrt{x} + \frac{1}{\sqrt{x}}$  का मान क्या है?

**Options:**

1)  $2\sqrt{5}$

2)  $2\sqrt{3}$

3)  $(3\sqrt{5} + \sqrt{3})/2$

4)  $(3\sqrt{3} - \sqrt{5})/2$

**Correct Answer:  $(3\sqrt{5} + \sqrt{3})/2$**

**QID : 163 -**

What is the value of  $\frac{1+a}{a^{1/2} + a^{-1/2}} - \frac{a^{1/2} + a^{-1/2}}{1+a} + a^{-1/2}$ ?

$\frac{1+a}{a^{1/2} + a^{-1/2}} - \frac{a^{1/2} + a^{-1/2}}{1+a} + a^{-1/2}$  का मान क्या है?

**Options:**

1)  $\sqrt{a}$

2)  $1/\sqrt{a}$

3)  $\sqrt{a} + 1$

4)  $\sqrt{a} - 1$

**Correct Answer:  $\sqrt{a}$**

**QID : 164 -**

If  $\frac{p}{q} = \frac{x+3}{x-3}$ , then what is the value of  $\frac{p^2+q^2}{p^2-q^2}$ ?

यदि  $\frac{p}{q} = \frac{x+3}{x-3}$ , तो  $\frac{p^2+q^2}{p^2-q^2}$  का मान क्या है?

**Options:**

1)

$$\frac{x^2+9}{3x}$$

2)

$$\frac{x^2+18}{6x}$$

3)

$$\frac{x^2+18}{3x}$$

4)

$$\frac{x^2+9}{6x}$$

**Correct Answer:**

**QID : 165** - PQRS is a square, M is the mid-point of PQ and N is a point on QR such that NR is two-third of QR. If the area of  $\Delta MQN$  is  $48\text{cm}^2$ , then what is the length (in cm) of PR ?

**Options:**

1)  $12\sqrt{2}$

2) 12

3) 24

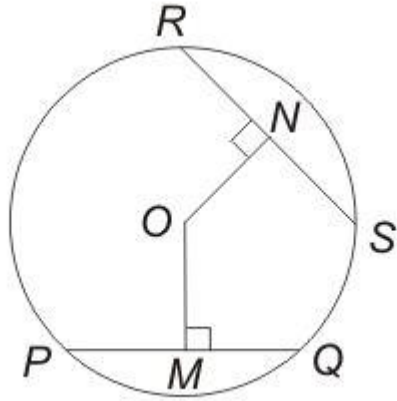
4)  $24\sqrt{2}$

**Correct Answer:**  $24\sqrt{2}$

**QID : 166** -

In the given figure,  $PQ = 30$ ,  $RS = 24$  and  $OM = 12$ , then what is the value of  $ON$ ?

दी गई आकृति में,  $PQ = 30$ ,  $RS = 24$  तथा  $OM = 12$  है, तो  $ON$  का मान क्या है?



**Options:**

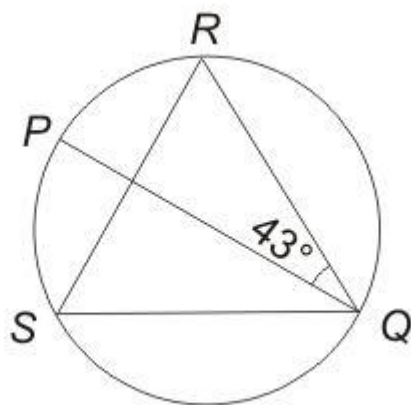
- 1) 9
- 2) 12
- 3) 15
- 4) 18

**Correct Answer:** 15

**QID :** 167 -

In the given figure,  $PQ$  is the diameter of the circle.  
What is the measure (in degrees) of  $\angle QSR$ ?

दी गई आकृति में,  $PQ$  वृत्त का व्यास है।  $\angle QSR$  का माप (डिग्री में) क्या है?



**Options:**

1) 23

2) 37

3) 47

4) 57

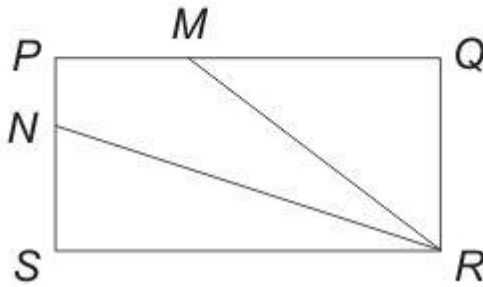
**Correct Answer: 47**

**QID : 168 -**



In the given figure,  $PM$  is one-third of  $PQ$  and  $PN$  is one-third of  $PS$ . If the area of  $PMRN$  is  $17 \text{ cm}^2$ , then what is the area (in  $\text{cm}^2$ ) of  $PQRS$ ?

दी गई आकृति में,  $PM$ ,  $PQ$  का एक तिहाई है तथा  $PN$ ,  $PS$  का एक तिहाई है। यदि  $PMRN$  का क्षेत्रफल  $17$  से.मी.<sup>2</sup> है, तो  $PQRS$  का क्षेत्रफल (से.मी.<sup>2</sup> में) क्या है?



**Options:**

- 1) 34
- 2) 51
- 3) 68
- 4) 85

**Correct Answer:** 51

**QID : 169** - What is the simplified value of  $(1 - \sin A \cos A)(\sin A + \cos A)$ ?

**Options:**

- 1)  $\sin^2 A - \cos^2 A$
- 2)  $\sin^3 A + \cos^3 A$
- 3) 0
- 4)  $\cos^2 A - \sin^2 A$

**Correct Answer:**  $\sin^3 A + \cos^3 A$

**QID : 170** -

What is the simplified value of  $\sqrt{\frac{1 - \sin A}{1 + \sin A}}$  ?

$\sqrt{\frac{1 - \sin A}{1 + \sin A}}$  का सरलीकृत मान क्या है?

**Options:**

- 1)  $\tan A$
- 2)  $\sec A$
- 3)  $\sec A + \tan A$
- 4)  $\sec A - \tan A$

**Correct Answer:**  $\sec A - \tan A$

**QID : 171 -**

What is the simplified the value of  $\sqrt{\frac{1}{\sin^2 A} + \frac{1}{\cos^2 A}}$  ?

$\sqrt{\frac{1}{\sin^2 A} + \frac{1}{\cos^2 A}}$  का सरलीकृत मान क्या है?

**Options:**

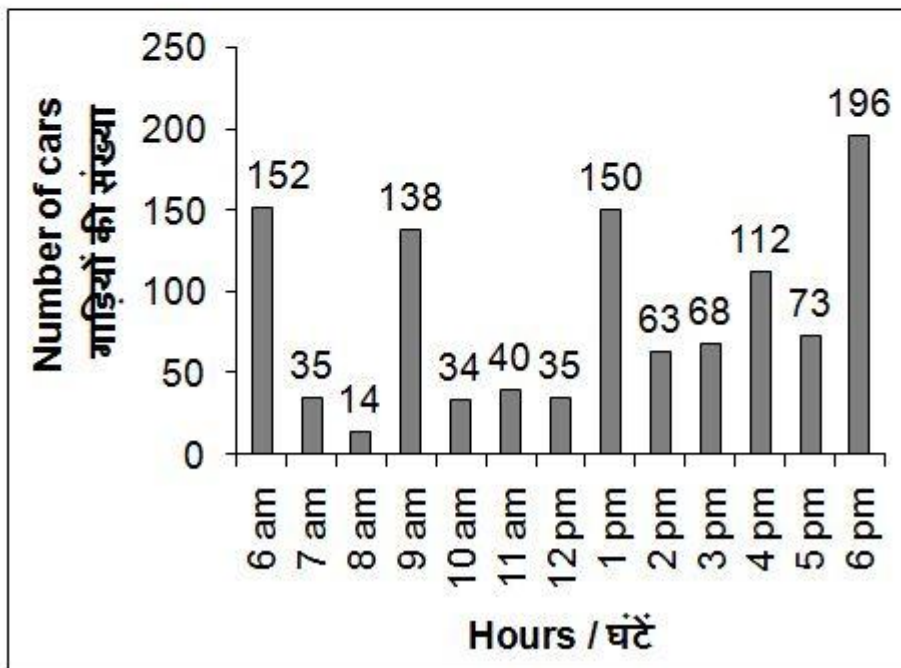
- 1)  $\sin A \cos A$
- 2)  $\tan A + \cot A$
- 3)  $\sin 2A$
- 4)  $\tan A \cot A$

**Correct Answer:**  $\tan A + \cot A$

**QID : 172 -**

The bar chart given below shows the number of cars parked in a multi-level parking from 6 am to 6 pm on a given day.

नीचे दिए गए दण्ड चित्र में एक बहुमंजिला पार्किंग में दिए गए किसी दिन में प्रातः 6 बजे से सायं 6 बजे तक (प्रत्येक घंटे के अंत में) खड़ी की गई गाड़ियों की संख्या को दर्शाया गया है।



What is the average number (approximately) of cars parked per hour from 6 am to 6 pm on the given day?

**Options:**

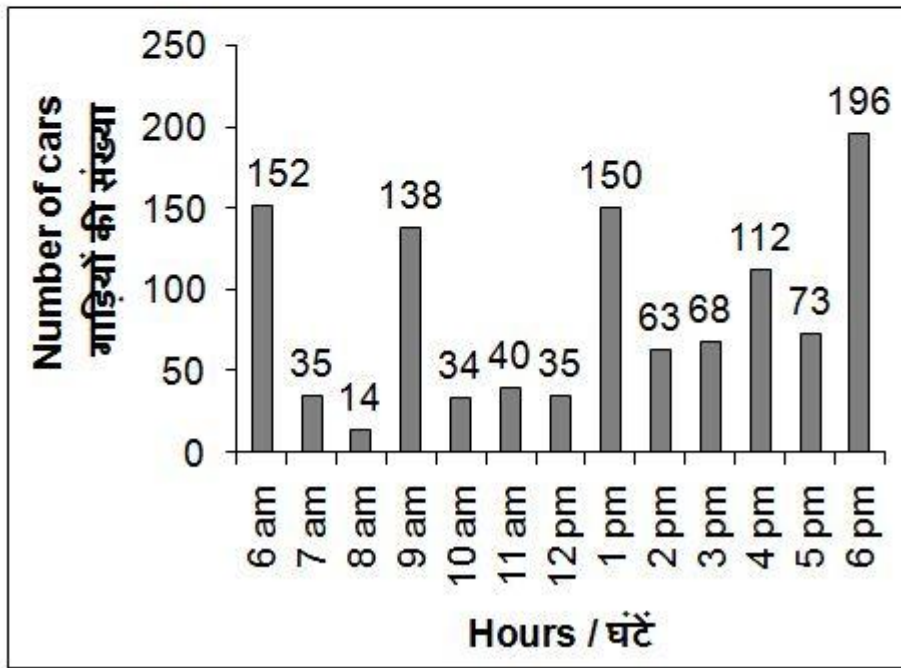
- 1) 80
- 2) 85
- 3) 73
- 4) 78

**Correct Answer:** 85

**QID :** 173 -

The bar chart given below shows the number of cars parked in a multi-level parking from 6 am to 6 pm on a given day.

नीचे दिए गए दण्ड चित्र में एक बहुमंजिला पार्किंग में दिए गए किसी दिन में प्रातः 6 बजे से सायं 6 बजे तक (प्रत्येक घंटे के अंत में) खड़ी की गई गाड़ियों की संख्या को दर्शाया गया है।



At what time the percentage change in number of parked cars is the maximum?

**Options:**

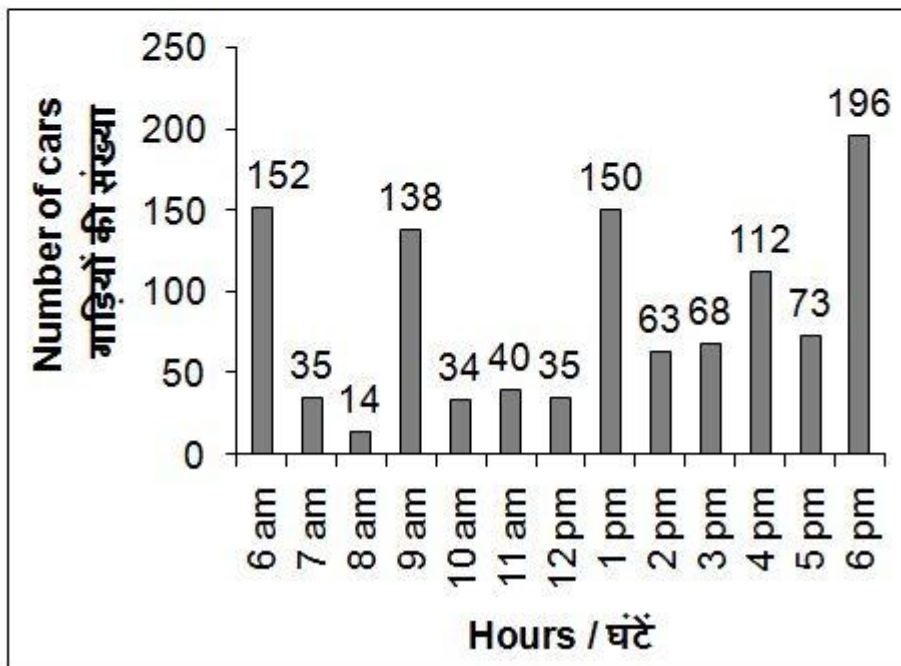
- 1) 9 am to 10 am
- 2) 12 pm to 1 pm
- 3) 8 am to 9 am
- 4) 6 am to 7 am

**Correct Answer:** 8 am to 9 am

**QID :** 174 -

The bar chart given below shows the number of cars parked in a multi-level parking from 6 am to 6 pm on a given day.

नीचे दिए गए दण्ड चित्र में एक बहुमंजिला पार्किंग में दिए गए किसी दिन में प्रातः 6 बजे से सायं 6 बजे तक (प्रत्येक घंटे के अंत में) खड़ी की गई गाड़ियों की संख्या को दर्शाया गया है।



For how many hours the number of parked cars is less than the average on the given day?

**Options:**

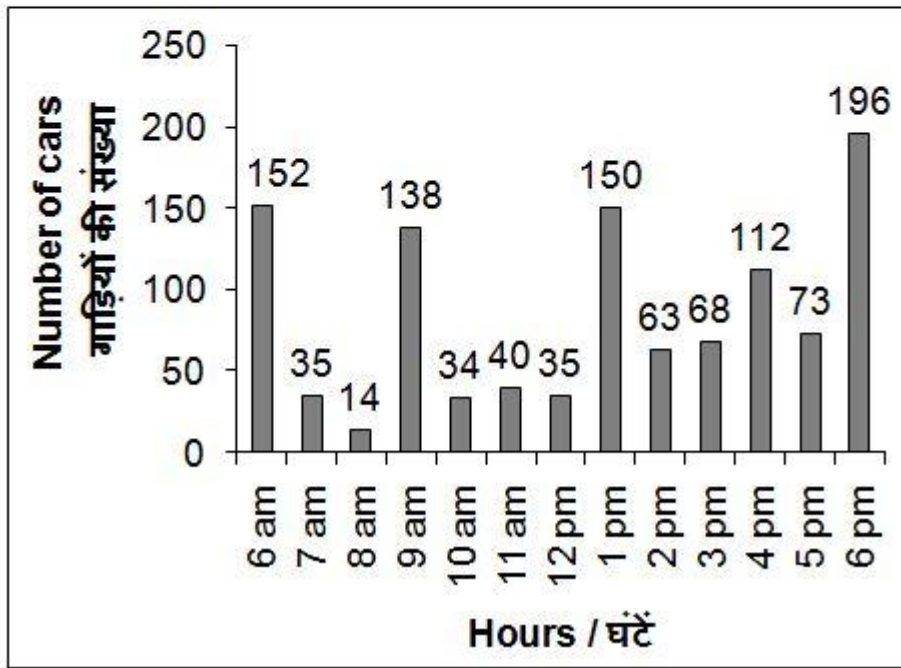
- 1) 5
- 2) 8
- 3) 6
- 4) 7

**Correct Answer: 8**

**QID : 175 -**

The bar chart given below shows the number of cars parked in a multi-level parking from 6 am to 6 pm on a given day.

नीचे दिए गए दण्ड चित्र में एक बहुमंजिला पार्किंग में दिए गए किसी दिन में प्रातः 6 बजे से सायं 6 बजे तक (प्रत्येक घंटे के अंत में) खड़ी की गई गाड़ियों की संख्या को दर्शाया गया है।



If the charges of parking are Rs 50 per hour, then what is the total income (in Rs) from 6 am to 6 pm on the given day?

**Options:**

- 1) 55500
- 2) 50500
- 3) 57500
- 4) 59500

**Correct Answer:** 55500

### (English Comprehension)

**QID : 176** - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

Are not your father (1)/ and your elder brother (2)/ out of town? (3)/ No Error (4)

**Options:**

- 1) 1
- 2) 2
- 3) 3



4) 4

**Correct Answer:** 4

**QID : 177** - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

Our office building comprises (1)/ seven floors and a restaurant at the top in an (2)/ area of about eight hundred sq. metres. (3)/ No Error (4)

**Options:**

- 1) 1
- 2) 2
- 3) 3
- 4) 4

**Correct Answer:** 2

**QID : 178** - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

John as well as his friends always \_\_\_\_\_ the permission of his mother before going for a rugby match.

**Options:**

- 1) asks
- 2) receives
- 3) seeks
- 4) soughts

**Correct Answer:** seeks

**QID : 179** - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

My sister unlike my brothers \_\_\_\_\_ to have a career in Engineering.

**Options:**

- 1) wants
- 2) want
- 3) wish
- 4) aspire

**Correct Answer:** wants

**QID : 180** - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Boisterous

**Options:**

- 1) Clamorous
- 2) Ferocious
- 3) Fissiparous
- 4) Voluminous

**Correct Answer:** Clamorous

**QID : 181** - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Haggard

**Options:**

- 1) Emaciate
- 2) Insane
- 3) Rejected
- 4) Ridicule

**Correct Answer:** Emaciate

**QID : 182** - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Ostentation

**Options:**

- 1) Comical
- 2) Insane
- 3) Modest
- 4) Swanky

**Correct Answer:** Modest

**QID : 183** - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Commiserate

**Options:**

- 1) Debatable
- 2) Empathize
- 3) Indifferent
- 4) Legion

**Correct Answer:** Indifferent

**QID : 184** - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Pillar to post

**Options:**

- 1) Main support of an object
- 2) One place to another
- 3) To be reluctant
- 4) To incite others

**Correct Answer:** One place to another

**QID : 185** - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Hobson's choice

**Options:**

- 1) To choose first in row
- 2) To make a careful choice
- 3) No real choice at all
- 4) To seek all favourable alternatives to choose from

**Correct Answer:** No real choice at all

**QID : 186** - Improve the bracketed part of the sentence.



William Shakespeare is the greatest of (all other) writers.

**Options:**

- 1) all the
- 2) any other
- 3) the other
- 4) No improvement

**Correct Answer:** all the

**QID : 187** - Improve the bracketed part of the sentence.

She is not used (to sleep) for so long.

**Options:**

- 1) to be sleeping
- 2) to sleep
- 3) to sleeping
- 4) No improvement

**Correct Answer:** to sleeping

**QID : 188** - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

Giving undue favours to one's own kith and kin

**Options:**

- 1) Ableism
- 2) Iconoclast
- 3) Maiden
- 4) Nepotism

**Correct Answer:** Nepotism

**QID : 189** - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

One who does not care for literature or art

**Options:**

- 1) Dictator
- 2) Hypocrite
- 3) Philistine
- 4) Primitive

**Correct Answer:** Philistine

**QID : 190** - In the following question, four words are given out of which one word is incorrectly spelt. Select the incorrectly spelt word.

**Options:**

- 1) Colonel
- 2) Hypocrisy
- 3) Offence
- 4) Strength

**Correct Answer:** Hypocrisy

**QID : 191** - In the following question, four words are given out of which one word is incorrectly spelt. Select the incorrectly spelt word.

**Options:**

- 1) Preceed

- 2) Proceed
- 3) Recede
- 4) Succeed

**Correct Answer:** Preceed

**QID : 192** - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P- And if I think about something which didn't happen I start thinking about all the other things which didn't happen.

Q- But there is only ever one thing which happened at a particular time and a particular place.

R- And there are an infinite number of things which didn't happen at that time and that place.

S- A lie is when you say something happened which didn't happen.

**Options:**

- 1) QSRP
- 2) SQPR
- 3) SRQP
- 4) SQRP

**Correct Answer:** SQRP

**QID : 193** - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P- The magnitude of the interdependence depends on the technique of production causing the shifts in the food supply curve.

Q- Interdependence of food and labour market is important for the development process.

R- Similarly, an upward shift in the food supply curve shifts up the food demand curve.

S- An upward shift in the food supply curve would simultaneously result in an upward shift in the labour demand curve.

**Options:**

- 1) QSPR
- 2) QPRS
- 3) PSRQ
- 4) SPQR

**Correct Answer:** QSPR

**QID : 194** - In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

Who teaches you Mathematics?

**Options:**

- 1) By whom are you taught Mathematics?
- 2) By whom were you taught Mathematics?
- 3) By whom will you be taught Mathematics?
- 4) Mathematics is taught by whom?

**Correct Answer:** By whom are you taught Mathematics?

**QID : 195** - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

"I don't know the answer. Do you"? She asked.

**Options:**

- 1) She asked me if I knew the answer which she didn't.

- 2) She said that she didn't know the answer and did I know it.
- 3) She said that she didn't know the answer and asked me if i did.
- 4) She told that she was not knowing the answer but wondered if I know.

**Correct Answer:** She said that she didn't know the answer and asked me if i did.

**QID : 196** - In the following questions, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Education is for life, not merely for a livelihood. As long as we are unmindful of this \_\_\_\_\_, the \_\_\_\_\_ of our educational curriculum as well as that of our \_\_\_\_\_ and students is likely to remain \_\_\_\_\_. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and \_\_\_\_\_.

As long as we are unmindful of this \_\_\_\_\_,

**Options:**

- 1) measure
- 2) resource
- 3) story
- 4) truth

**Correct Answer:** truth

**QID : 197** - In the following questions, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Education is for life, not merely for a livelihood. As long as we are unmindful of this \_\_\_\_\_, the \_\_\_\_\_ of our educational curriculum as well as that of our \_\_\_\_\_ and students is likely to remain \_\_\_\_\_. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and \_\_\_\_\_.

the \_\_\_\_\_ of our educational curriculum as well as

**Options:**

- 1) efficiency
- 2) effectiveness
- 3) quality
- 4) quantity

**Correct Answer:** quality

**QID : 198** - In the following questions, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Education is for life, not merely for a livelihood. As long as we are unmindful of this \_\_\_\_\_, the \_\_\_\_\_ of our educational curriculum as well as that of our \_\_\_\_\_ and students is likely to remain \_\_\_\_\_. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and \_\_\_\_\_.

that of our \_\_\_\_\_ and students

**Options:**

- 1) friends
- 2) ideals
- 3) parents
- 4) teachers

**Correct Answer:** teachers

**QID : 199** - In the following questions, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Education is for life, not merely for a livelihood. As long as we are unmindful of this \_\_\_\_\_, the \_\_\_\_\_ of our educational curriculum as well as that of our \_\_\_\_\_ and students is likely to remain \_\_\_\_\_. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and \_\_\_\_\_.

is likely to remain \_\_\_\_\_. It is not enough for a society to have experts.

**Options:**

- 1) inadequate
- 2) indifferent
- 3) represented
- 4) unmeasurable

**Correct Answer:** inadequate

**QID : 200** - In the following questions, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Education is for life, not merely for a livelihood. As long as we are unmindful of this \_\_\_\_\_, the \_\_\_\_\_ of our educational curriculum as well as that of our \_\_\_\_\_ and students is likely to remain \_\_\_\_\_. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and \_\_\_\_\_.

the kind of people who cannot be replaced by computers and \_\_\_\_\_.

**Options:**

- 1) mechanics
- 2) monitors
- 3) robots
- 4) televisions

**Correct Answer:** robots