

# IBPS PO PRE - MODEL PAPER

## (ENGLISH LANGUAGE)

**Directions:** In the following passage there are blanks, each of which has been numbered. Against each number, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

The Government seems to be in right earnest to ensure more \_\_21\_\_ in governance. The Prime Ministers announcement that his Government is \_\_22\_\_ drafting legislation to \_\_23\_\_ the citizens right to information is indeed welcome. Though the talk on the right to Information is not new, we may \_\_24\_\_ the Bill to be brought early this time. The previous Government had set up a high level committee to \_\_25\_\_ a draft bill. But nothing has been heard about the matter since. \_\_25\_\_ the committee did not do any work. The issue, however, has come to such a pause that a solution cannot be \_\_27\_\_ further. Sunlight is the best disinfectant, a foreign Judge once said, while \_\_28\_\_ the unwarranted secrecy in an administrative system. When those in authority know that people have the right to ask questions and the Government is under the \_\_29\_\_ to provide them with answers \_\_30\_\_ of authority, or of public finances, for personal or party ends is less likely to happen.

### **Q1.**

21.

- (a) strictness
- (b) rudeness
- (c) leniency
- (d) economy
- (e) transparency

### **Q2.**

22.

- (a) personally
- (b) busy
- (c) not
- (d) reluctantly
- (e) absolutely

### **Q3.**

23.

- (a) presumption
- (b) absolve

- (c) curb
- (d) question
- (e) establish

### **Q4.**

24.

- (a) expect
- (b) wait
- (c) try
- (d) frustrate
- (e) appeal

### **Q5.**

25.

- (a) level
- (b) regard
- (c) prepare
- (d) enact
- (e) unearth

### **Q6.**

26.

- (a) even
- (b) as
- (c) because
- (d) until
- (e) though

### **Q7.**

27.

- (a) found
- (b) expect
- (c) delayed
- (d) looked
- (e) longed

### **Q8.**

28.

- (a) nurturing
- (b) criticising
- (c) demanding
- (d) appreciating
- (e) upholding

### **Q9.**

29.

- (a) pretention
- (b) substance
- (c) property

- (d) affect
- (e) obligation

**Q10.**

30.

- (a) misuse
- (b) governance
- (c) dishonour
- (d) curbing
- (e) breach

**Q11.**

He further said there is no purpose (1)/ in waiting for the final approval since both felling of trees(2)/ and commencement of work would (3)/ have already taken place based on the in principle approval (4)/ No error (5)

- (a) He further said there is no purpose
- (b) in waiting for the final approval since both felling of trees
- (c) and commencement of work would
- (d) have already taken place based on the in principle approval
- (e) No error

**Q12.**

Not approving the (1)/ violent acts of (2)/ young people to change the system (3) / the old gives him the works of humanism (4)/ No error (5)

- (a) Not approving the
- (b) violent acts of
- (c) young people to change the system
- (d) the old gives him the works of humanism
- (e) No error

**Q13.**

The proposal which was aimed (1)/ at providing checks and balances for decision made by (2)/ the regulators has been (3)/I hanged fire for a long time due to opposition from various quarters (4)/ No error

- (a) The proposal which was aimed
- (b) at providing checks and balances for decision made by
- (c) the regulators has been
- (d)I hanged fire for a long time due to opposition from various quarters
- (e) No error

**Q14.**

The government has initiated (1)/ the process of settling disputes(2)/ through voting in the CA (3) / a step severe criticise by the opposition (4)/No error (5)

- (a) The government has initiated
- (b) the process of settling disputes
- (c) through voting in the CA
- (d) a step severe criticise by the opposition
- (e)No error

**Q15.**

The Union Health Minister has (1) / pitched for an increase in Its(2)/ budgetary allocation (3)/ citing plans to strengthen the delivery of existing schemes (4)/No error (5)

- (a) The Union Health Minister has
- (b) pitched for an increase in Its
- (c) budgetary allocation
- (d) citing plans to strengthen the delivery of existing schemes
- (e)No error

**Q16.**

The government's move (1)/ to extend (2)/subsidy on raw sugar exports (3)/is expected provide some salve by the industry (4)/ No error(5)

- (a) The government's move
- (b) to extend
- (c)subsidy on raw sugar exports
- (d)is expected provide some salve by the industry
- (e) No error

**Q17.**

One of the smallest mobile service provider (1)/ in India by number of subscribers (2)/ the company is giving up to 40% increment (3)/ including bonuses in the current financial year (4)/ No error (5)

- (a) One of the smallest mobile service provider
- (b) in India by number of subscribers
- (c) the company is giving up to 40% increment
- (d) including bonuses in the current financial year
- (e) No error

**Directions : Rearrange the following sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and answer the questions which follow**

(A)However while reading they would not know when to pause and what to emphasize.

(B)Since then their use has been regularized and the punctuation rules have been followed by all.

(C)In earlier days, people learnt by reading out loud.

(D) But not everybody used the same punctuations for the same thing.

(E) To address this problem, various signs depicting various punctuations were introduced.

(F) Thus firmer guidelines regarding punctuations were framed so that everyone used them in similar way.

**Q18.**

Which of the following sentences should be the **SECOND** after rearrangement ?

- (a) A
- (b) B
- (c) D
- (d) E
- (e) F

**Q19.**

Which of the following sentences should be the **THIRD** after rearrangement?

- (a) A
- (b) E
- (c) D
- (d) F
- (e) C

**Q20.**

Which of the following sentences should be the **FIFTH** after rearrangement?

- (a) B
- (b) C
- (c) A
- (d) E
- (e) F

**Q21.**

Which of the following sentences should be the **SIXTH (LAST)** after rearrangement ?

- (a) C
- (b) E
- (c) D
- (d) B
- (e) F

**Q22.**

Which of the following sentences should be the **FIRST** after rearrangement ?

- (a) A
- (b) B
- (c) C

(d) D

(e) E

**Direction : Read the following passage carefully and answer the questions given below it. Certain words expressions are given in bold in the passage to help you locate them while answering some of the questions.**

Radically changing monsoon patterns. Reduction in the winter rice harvest and a quantum increase in respiratory diseases all part of the environmental doomsday scenario which is reportedly playing out in South Asia. According to a United Nations Environment Programme report, a deadly three deep blanket of pollution comprising a fearsome cocktail of ash, acids, aerosols and other particles has enveloped this region. For India, already struggling to cope with a drought, the Implications of this are devastating and further crop failure will amount to a life and death question for many Indians. The increase in premature deaths will have adverse social and economic consequences and a rise in morbidities will place an unbearable burden on our crumbling health system. And there is no one to blame but ourselves. Both official and corporate India has always been allergic to any mention, of clean technology. Most mechanical two wheelers roll off the assembly line without proper pollution control system. Little effort is made for R & D on simple technologies, which could make a vital difference to people's lives and the environment. However, while there is no denying that, South Asia must clean up its act, skeptics might question the timing. of the haze report. The Johannesburg meet on Rio+10 is just two weeks away and the stage is set for the usual battle between the developing world and the West, particularly the U.S. President Mr. Bush has adamantly refused to sign any protocol, which would mean a change in American consumption level. U.N. environment report will likely to find a place in the U.S. arsenal as it plants an accusing finger towards controls like India and China. Yet the U.S. can hardly deny its own dubious role in the matter of erasing trading quotas. Richer countries can simply buy up excess credits from poorer countries and continue to pollute. Rather than try to get the better of developing countries, who undoubtedly have taken up environmental shortcuts in their bid to catch up with the West, the U.S. should take a look at the environmental profligacy. which is going on within. From opening up virgin territories for oil exploration to relaxing the standards for drinking water, Mr Bush's

policies are not exactly beneficial, not even to Americas interests. We realize that we are all in this together and that pollution anywhere should be a global concern otherwise only be more tunnels at the end of the tunnel.

**Q23.**

Both official and corporate Indians allergic to

- (a) failure of monsoon
- (b) poverty and Inequality
- (c) slowdown In industrial production
- (d) mention of clean technology
- (e) crop failure

**Q24.**

Which, according to the passage, is a life and death question to many Indians ?

- (a) Increase In respiratory diseases
- (b) Use of clean technology
- (c) Thick blanket of pollution over the region
- (d) Failure in crops
- (e) Dwindling agricultural yield

**Q25.**

If the rate of premature deaths increases it will

- (a) exert added burden on our, crumbling economy.
- (b) have adverse social and economic consequences.
- (c) make positive effect on our efforts to control population.
- (d) have less job aspirants In the society.
- (e) have healthy effect on our economy.

**Q26.**

Choose the word which is SIMILAR in meaning of the word profligacy as used in the passage

- (a) wastefulness
- (b) conservation
- (c) upliftment
- (d) criticalness
- (e) denouncement

**Q27.**

According to the passage, India cannot tolerate any further

- (a) crop failure
- (b) deterioration of health care system
- (c) increase in respiratory diseases
- (d) proliferation of nuclear devices
- (e) social and economic consequences

**Q28.**

According to the passage, two wherever industry is not adequately concerned about

- (a) passenger safety on the roads
- (b) life cover insurance of the vehicle owners
- (c) pollution control system in the vehicles
- (d) rising cost of the two wheelers
- (e) rising cost of the petrol in the country

**Q29.**

What could be the reason behind timing of the haze report just before the Johannesburg meet, as indicated in the passage ?

- (a) United Nations is working handing love with U.S.
- (b) Organises of the forthcoming meet to teach a lesson the U.S
- (c) Drawing attentions of the world towards devastating effects of environment degradation.
- (d) U.S, wants to use it as a handle against the developing countries in the forthcoming meet .
- (e) The meet is a part of political agenda of the U.N.

**Q30.**

Choose the word which is SIMILAR in meaning of the Word allergic as used in the passage.

- (a) liking
- (b) passionate
- (c) possessive
- (d) crumbling
- (e) repugnant

**(REASONING ABILITY)**

**Directions : Study the following information carefully and answer the questions given below**

A, B, C, D, E, F, G and H are eight students of a school. They study in Standard VI, VII, and VIII with not more than three in any Standard. Each of them has a favourite e subject from Physics, Geography, English, Marathi, Mathematics, Chemistry, Biology and Economics but not necessarily in the same order. D likes Chemistry and studies in Standard VIII with only H. B does not study In Standard VII. E and A study in the same, Standard but not with B. C and F study in the same Standard. Those who study in Standard VI do not like Mathematics or Biology. F likes Physics. The one who studies in Standard VIII likes English. C does not like Geography

As favourite subject is Marathi and G does not like Biology

**Q31.**

Which subject does H like ?

- (a) English
- (b) Marathi
- (c) Science
- (d) Data inadequate
- (e) None of these

**Q32.**

What is G's favourite subject ?

- (a) Biology
- (b) Physics
- (c) Marathi
- (d) Data inadequate
- (e) None of these

**Q33.**

What is C's favourite Subject ?

- (a) Economics
- (b) Biology
- (c) English
- (d) Geography
- (e) Data inadequate

**Q34.**

Which of the following combinations of student-Standard. Subject is correct ?

- (a) C - VII - Economics
- (b) D - VI - Chemistry
- (c) G - VII - Physics
- (d) B - VIII - Mathematics
- (e) None is correct

**Q35.**

Which of the following group of students study in VII Standard?

- (a) EAF
- (b) EGG
- (c) EAG
- (d) Data inadequate
- (e) None of these

**Directions: Study the following information carefully to answer the given questions :**

Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre, but not necessarily in the same order. All of them like different

colours viz. yellow, purple, orange, black, white, green, red and blue. B is sitting second to the left of D. D likes blue colour. B does not like yellow colour. D is the immediate neighbour of that two persons who like red and purple colours respectively. Three persons sit between B and the person who likes green colour. F and A are immediate neighbours. E does not like black, yellow or purple colour. H is an immediate neighbour of G. A is immediate neighbour of both who like red and black colours respectively. E is sitting just opposite to H who likes orange colour.

**Q36.**

How many persons are seated between H and D, if we go clockwise from H to D ?

- (a) Two
- (b) Two
- (c) Four
- (d) One
- (e) None

**Q37.**

Which of the following pairs of persons represents the immediate neighbours of G ?

- (a) H and the person who likes black colour
- (b) F and the person who likes green colour
- (c) B and H
- (d) The person who likes orange colour and C
- (e) None of these

**Q38.**

What is E's position with respect to the person who likes orange colour?

- (a) Third to the left
- (b) Fifth to the left
- (c) Fifth to the right
- (d) Fourth to the right
- (e) Second to the right

**Q39.**

Starting from A, if all the persons are made to sit in the alphabetical order in clockwise direction, the positions of how many persons (excluding A) will remain unchanged?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) More than three

**Q40.**

Who amongst the following is sitting exactly between the person who likes red colour and F ?

- (a)G
- (b)H
- (c)B
- (d)D
- (e)A

**Directions: Study the following information carefully to answer the given questions :**

Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre, but not necessarily in the same order. All of them like different colours viz. yellow, purple, orange, black, white, green, red and blue. B is sitting second to the left of D. D likes blue colour. B does not like yellow colour. D is the immediate neighbour of that two persons who like red and purple colours respectively. Three persons sit between B and the person who likes green colour. F and A are immediate neighbours. E does not like black, yellow or purple colour. H is an immediate neighbour of G. A is immediate neighbour of both who like red and black colours respectively. E is sitting just opposite to H who likes orange colour.

**Q41.**

How many persons are seated between H and D, if we go clockwise from H to D ?

- (a) Two
- (b) Two
- (c) Four
- (d) One
- (e) None

**Q42.**

Which of the following pairs of persons represents the immediate neighbours of G ?

- (a)H and the person who likes black colour
- (b)F and the person who likes green colour
- (c)B and H
- (d)The person who likes orange colour and C
- (e)None of these

**Q43.**

What is E's position with respect to the person who likes orange colour?

- (a)Third to the left
- (b)Fifth to the left

- (c)Fifth to the right
- (d)Fourth to the right
- (e)Second to the right

**Q44.**

Starting from A, if all the persons are made to sit in the alphabetical order in clockwise direction, the positions of how many persons (excluding A) will remain unchanged?

- (a)None
- (b)One
- (c)Two
- (d)Three
- (e)More than three

**Q45.**

Who amongst the following is sitting exactly between the person who likes red colour and F ?

- (a)G
- (b)H
- (c)B
- (d)D
- (e)A

**Q46.**

A travels towards East. B travels towards North. C and D travel in opposite directions. D travels towards right of A. Which of the following is definitely true?

- (a)B and C travel in opposite directions
- (b)C travels towards West
- (c)D travels towards north
- (d)B and C travel in same direction
- (e)None of these

**Q47.**

A cow runs 20 metres towards the sun. A boy started walking positioning his back towards the sun. After sometimes he turned left then turned right and then towards the left again. In which direction is he going now?

- (a)East or West
- (b)North or West
- (c)South or West
- (d)North or South
- (e)None of these

**Q48.**

**Directions:** In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the

conclusions based on the given statements and select the appropriate answer.

**Statements:**

$$D = K, K \leq F, F > P$$

**Conclusions:**

I.  $P > D$

II.  $K \leq P$

III.  $F \geq D$

(a) Only II is true

(b) Only I and II are true

(c) Only III is true

(d) Only II and III are true

(e) None of these

**Q49.**

**Directions:** In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

**Statements:**

$$K \leq N, N \geq T, T < J$$

**Conclusions:**

I.  $J > N$

II.  $K > T$

III.  $T > K$

(a) None is true

(b) Only I and II are true

(c) Only II and III are true

(d) Only I and III are true

(e) None of these

**Q50.**

**Directions:** In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

**Statements:**

$$M > D, D = V, V \geq W$$

**Conclusions:**

I.  $W > M$

II.  $M < V$

III.  $D \geq W$

(a) Only I and II are true

(b) Only II and III are true

(c) Only I and III are true

(d) Only III is true

(e) None of these

**Q51.**

**Directions:** In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

**Statements:**

$$R \leq D, D \geq M, M = N$$

**Conclusions:**

I.  $R \leq M$

II.  $N \leq D$

III.  $N \geq R$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) None is true

(e) All are true

**Q52.**

**Directions:** In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

**Statements:**

$$K = P, P > Q, Q \geq R$$

**Conclusions:**

I.  $K > R$

II.  $R < P$

III.  $Q < K$

(a) Only I and II are true

(b) Only II and III are true

(c) Only III is true

(d) All are true

(e) None of these

**Q53.**

**Direction:** In each question below are given some **statements** followed by **conclusions**. You have to take the given **statements** to be true and find which of the given **conclusions logically follow**.

**Statements:**

Some gases are liquids.

All liquids are water.

**Conclusions:**

I. All gases being water is a possibility.

II. All such gases which are not, water can never be liquids.

- (a) only conclusion I follows.
- (b) only conclusion II follows.
- (c) Either conclusion I or II follows.
- (d) Neither conclusion I nor II follows.
- (e) Both conclusions I and II follow.

**Q54.**

**Direction:** In each question below are given some **statements** followed by **conclusions**. You have to take the given **statements** to be true and find which of the given **conclusions logically follow**.

**Statements:**

All minutes are seconds.  
 All seconds are hours;  
 No second is a day.

**Conclusions:**

- I.No day is an hour.
- II.Atleast some hours are minutes.

- (a) only conclusion I follows.
- (b) only conclusion II follows.
- (c) Either conclusion I or II follows.
- (d) Neither conclusion I nor II follows.
- (e) Both conclusions I and II follow.

**Q55.**

**Direction:** In each question below are given some **statements** followed by **conclusions**. You have to take the given **statements** to be true and find which of the given **conclusions logically follow**.

**Statements:**

Some teachers are professors.  
 Some lecturers, are teachers.

**Conclusions:**

- I.All teachers as well as all professors being lecturers is a possibility.
- II.All those teachers who are lecturers are also professors.

- (a) only conclusion I follows.
- (b) only conclusion II follows.
- (c) Either conclusion I or II follows.
- (d) Neither conclusion I nor II follows.
- (e) Both conclusions I and II follow.

**Q56.**

**Direction:** In each question below are given some **statements** followed by **conclusions**. You have to take the given **statements** to be true and find which of the given **conclusions logically follow**.

**Statements:**

Some bags are trunks.  
 All trunks are shirts.  
 Some shirts are books!  
 All books are shops.

**Conclusions:**

- I.Some shops are bags.
- II.Some books are bags.
- III.Some shops are shirts.
- IV.Some shirts are bags.

- (a)Only I and II follow
- (b)Only I and III follow
- (c)Only III and IV follow
- (d)Only II and IV follow
- (e)None of these

**Q57.**

**Direction:** In each question below are given some **statements** followed by **conclusions**. You have to take the given **statements** to be true and find which of the given **conclusions logically follow**.

**Statements:**

All pens are chairs.  
 All flowers are chairs.  
 All chairs are trucks.  
 All trees are trucks.

**Conclusions:**

- I.Some trucks are pens:
- II.Some trucks are chairs.
- III.Some trees are pens.
- IV. Some trees are chairs.

- (a)Only I and III follow
- (b)Only I and II follow
- (c)Only III and IV follow
- (d)Only II and IV follow
- (e)None of these

**Directions :** Study the following information carefully and answer the questions given below

P, Q, R, S, T, V, W and Z are eight friends studying in three different engineering colleges – A, B and C in three disciplines - Mechanical, Electrical and Electronics with not less than two and not more than three in any college. Not more than three of them study in any of the three disciplines. W studies Electrical in college B with only T who studies Mechanical. P and Z do not study in college C and study in same discipline but not Electrical. R studies Mechanical in college C with V who studies Electrical. S studies Mechanical and does not study in the same college where R studies. Q does not study Electronics.

**Q58.**

Which of the following combinations of college-student-specialization is correct ?

- (a) C-R-Electronics
- (b) A-Z-Electrical
- (c) B-W-Electronics
- (d) B-W-Electrical
- (e) B-Z-Electronics

**Q59.**

In which of the following colleges two students study in Electrical discipline?

- (a) A only
- (b) B only
- (c) C only
- (d) Cannot be determined
- (e) None of these

**Q60.**

In which discipline does Q study?

- (a) Electrical
- (b) Mechanical
- (c) Electrical or Mechanical
- (d) Data inadequate
- (e) None of these

**Q61.**

In which of the colleges at least one student studies in Mechanical discipline ?

- (a) A only
- (b) B only
- (c) C only
- (d) Both A and B
- (e) All A, B and C

**Q62.**

S studies in which college ?

- (a) A
- (b) B
- (c) A or B
- (d) Data inadequate
- (e) None of these

**Q63.**

**Directions :** Study the following information to answer the given questions

- (a) Six plays are to be organized from Monday to Sunday -One play each day with one day when there is no play.

No play day is not Monday or Sunday.(b)The plays are held in sets of 3 plays each in such a way that 3 plays are held without any break i.e. 3 plays are held in such a way, that there is no No play day between them but immediately before this set or immediately after this set it is No play day.(c)Play Z is held on 26th and play X was held on 31st of the same month.(d)Play B was not held immediately after play A (but was held after A, not necessarily immediately) and play M was held immediately before Q.(e)All the six plays were held in the same month.

Which play was organized on Monday ?

- (a) Z
- (b) M
- (c) Q
- (d) Cannot be determined
- (e) None of these

**Q64.**

Which day was play Z organized?

- (a) Tuesday
- (b) Monday
- (c) Wednesday
- (d) C cannot be determined
- (e) None of these

**Q65.**

Which date was a No play day ?

- (a) 26th
- (b) 28th
- (c) 29th
- (d) Cannot be determined
- (e) None of these

**(QUANTITATIVE APTITUDE)****Q66.**

**Direction:** What will come in place of question mark (?) in the following number series?

14 24 43 71 108 (?)

- (a) 194
- (b) 154
- (c) 145
- (d) 155
- (e) None of these

**Q67.**

**Direction:** What will come in place of **question mark (?)** in the following number series?

14 43.5 264 ? 76188

- (a) 3168
- (b) 3176
- (c) 1587
- (d) 1590
- (e) None of these

**Q68.**

**Direction:** What will come in place of **question mark (?)** in the following number series?

14 6 5 6.5 12 ?

- (a) 29
- (b) 27
- (c) 23
- (d) 33
- (e) 35

**Q69.**

**Direction:** What will come in place of **question mark (?)** in the following number series?

144 173 140 169 136 (?)

- (a) 157
- (b) 148
- (c) 164
- (d) 132
- (e) None of these

**Q70.**

**Direction:** What will come in place of **question mark (?)** in the following number series?

15 21 39 77 143 (?)

- (a) 243
- (b) 240
- (c) 253
- (d) 245
- (e) None of these

**Q71.**

**Directions :** In the following question **two equations numbered I and II** are given. You have to solve both the equations and give answer thereof.

**I.**  $6x^2 + 13x + 5 = 0$ . **II.**  $9y^2 + 22y + 8 = 0$

- (a)  $x > y$
- (b)  $x \leq y$
- (c)  $x < y$
- (d)  $x \geq y$

(e)  $x = y$  or relationship between  $x$  and  $y$  cannot be established

**Q72.**

**Directions :** In the following question **two equations numbered I and II** are given. You have to solve both the equations and give answer thereof.

**I.**  $(x+y)^2 = 784$

**II.**  $92551 = 92567 - y$

- (a)  $x > y$
- (b)  $x \leq y$
- (c)  $x < y$
- (d)  $x \geq y$
- (e)  $x = y$  or relationship between  $x$  and  $y$  cannot be established

**Q73.**

**Directions :** In the following question **two equations numbered I and II** are given. You have to solve both the equations and give answer thereof.

**I.**  $x^2 - 14x + 48 = 0$

**II.**  $y^2 + 6 = 5y$

- (a)  $x > y$
- (b)  $x \geq y$
- (c)  $x < y$
- (d)  $x \leq y$
- (e)  $x = y$  or relationship between  $x$  and  $y$  cannot be established

**Q74.**

**Directions :** In the following question **two equations numbered I and II** are given. You have to solve both the equations and give answer thereof.

**I.**  $x^2 + 9x + 20 = 0$

**II.**  $y^2 + 7y + 12 = 0$

- (a)  $x > y$
- (b)  $x \geq y$
- (c)  $x < y$
- (d)  $x \leq y$
- (e)  $x = y$  or relationship between  $x$  and  $y$  cannot be established

**Q75.**

**Directions :** In the following question **two equations numbered I and II** are given. You have to solve both the equations and give answer thereof.

**I.**  $x^2 = 529$

**II.**  $Y^2 = \sqrt{529}$

- (a)  $x > y$

(b)  $x \geq y$

(c)  $x < y$

(d)  $x \leq y$

(e)  $x = y$  or relationship between  $x$  and  $y$  cannot be established

**Q76.**

Ms. Pooja Pushpan invests 13% of her monthly salary, i.e. Rs. 8554 in Mediciclaim Policies. Later she invests 23% of her monthly salary on Child Education Policies. Also she invests another 8% of her monthly salary on Mutual Funds. What is the total annual amount invested by Ms. Pooja Pushpan ?

(a) Rs. 28952

(b) Rs. 43428

(c) Rs. 347424

(d) Rs. 173712

(e) None of these

**Q77.**

'B' is 3 years older than 'A' and 'B' is also 3 years younger than 'C'. 3 years hence, the respective ratio between the ages of A and G will be 4 : 5. What is the sum of the present ages of A, B and C?

(a) 48 years

(b) 56 years

(c) 63 years

(d) 84 years

(e) 72 years

**Q78.**

A book is listed at Rs 150, with a discount of 20 percent. What additional discount must be offered to bring the net price to Rs108?

(a) 8 percent

(b) 10 percent

(c) 12.5 percent

(d) 15 percent

(e) None of these

**Q79.**

The sum invested in scheme B is twice the sum invested in scheme A. Investment in scheme A is made for 3 years at 8% p.a. simple interest and in Scheme B for 2 years at 9% p.a. simple interest. The total interest earned from both the schemes is Rs. 1800. How much was invested in Scheme A ?

(a) Rs. 4000

(b) Rs. 3500

(c) Rs. 3000

(d) Rs. 2500

(e) Rs. 4500-

**Q80.**

A and B started towards each other at the same time from places 114 kms. apart and met in 8 hours. If A's rate was 6 kms. an hour, what was B's?

(a) 14.25 km/hr.

(b) Rs. km./hr

(c) 57/8 km./hr

(d) 17/2 km/hr.

(e) 33/4km/hr

**Q81.**

3 men can complete a piece of work in 6 days. 5 women can complete the same work in 18 days. In how many days will 4 men and 10 women together complete the same work ?

(a) 3 days

(b) 5 days

(c) 2 days

(d) 4 days

(e) None of these

**Q82.**

The radius of a circle is twice the side of a square of area 196 sq.cm. Length of a rectangle is twice the diameter of the circle. What is the perimeter of the rectangle if its breadth is half the length of the rectangle ?

(a) 244 cm

(b) 168 cm

(c) 336 cm

(d) Cannot be determined

(e) None of these

**Q83.**

Each dimension in metres of a rectangular solid is an integer less than 17, the volume of the solid is 176 cubic metre, if the height of the solid is 16m, what is the surface area (in sq. metre) of the solid?

(a) 448

(b) 384

(c) 395

(d) 424

(e) 406

**Q84.**

A class of 30 students occupy a classroom containing 5 rows of seats, with 8 seats in each row. If the students seat themselves at random, the probability that the sixth seat in the fifth row will be empty is :

- (a)  $1/5$
- (b)  $1/3$
- (c)  $1/4$
- (d)  $2/5$
- (e)

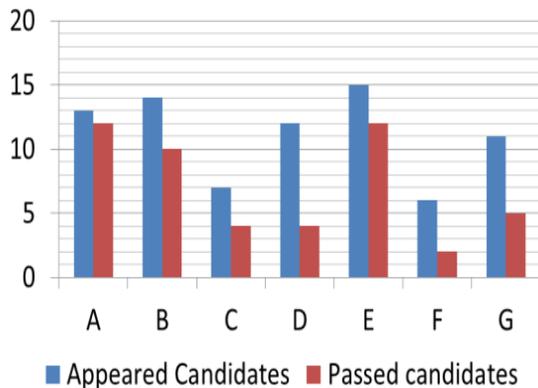
**Q85.**

Three containers, A, B and C are having mixtures of milk and water in the ratio 1 : 5, 3 : 5 and 5 : 7 respectively. If the capacities of the containers are in the ratio 5 : 4 : 5, then find the ratio of the milk to the water, if the mixtures of all the three containers are mixed together

- (a) 51 : 115
- (b) 52 : 115
- (c) 53 : 115
- (d) 54 : 115
- (e) None of these

**Directions:** Study the following information carefully to answer the given questions.

**Number of Appeared Candidates and Passed Candidates (in hundreds) in a test from seven different institutions**



**Q86.**

What is the difference between the number of candidates appeared from institutions B, C, D and F together and candidates passed from institutions A, E and G together ?

- (a) 100
- (b) 900
- (c) 1,000

- (d) 540
- (e) None of these

**Q87.**

What is the average number of candidates passed from all the institutions together ?

- (a) 700
- (b) 490
- (c) 350
- (d) 675
- (e) None of these

**Q88.**

Number of candidates passed from institutions C and E together is approximately what percentage of the total number of candidates appeared from institutions A and G together ?

- (a) 72%
- (b) 62%
- (c) 54%
- (d) 75%
- (e) 67%

**Q89.**

From which institution the difference between the appeared candidates and passed candidates is maximum?

- (a) B
- (b) G
- (c) D
- (d) F
- (e) None of these

**Q90.**

What is the respective ratio between the number of candidates who have failed from institution B and the number of candidates who have appeared from institution F?

- (a) 2:5
- (b) 2:3
- (c) 4 : 3
- (d) 1:3
- (e) None of these

**Directions:** Study the following information carefully to answer the given questions.

Description of students studying in different subjects in 6 di schools

School	Subject					
	Total Students	English	Maths	Science	Social Science	Hindi
A	480	78	68	75	52	92
B	384	57	63	81	46	72
C	435	64	73	67	78	58
D	465	82	89	62	93	42
E	389	52	77	82	64	75
F	447	57	73	59	69	76

**Q91.**

By approximately what percent is the number of students studying English less than that studying mathematics, in all schools taken together ?

- (a) 12
- (b) 14
- (c) 15
- (d) 16
- (e) 19

**Q92.**

The respective ratio between the number of students studying Maths in schools A, C and D and that studying Social Science in schools B, D and F is

- (a) 105 : 104
- (b) 115 : 104
- (c) 115:108
- (d) 11 : 13
- (e) Noneof these

**Q93.**

By what percent is the number of students enrolled in Computer Science more than that enrolled in Hindi, taking all schools together ?

- (a) 20
- (b) 22
- (c) 26
- (d) 30
- (e) 32

**Q94.**

By what percent is the total number of students studying English, Maths and Science from school C less than that studying the same subjects from school D?

- (a) 11.2

- (b) 10.25
- (c) 11.45
- (d) 12.45
- (e) 13.45

**Q95.**

What is the average number of students who study Science and Social Science taking all schools together ?

- (a) 60
- (b) 65
- (c) 69
- (d) 72
- (e) 75

**Q96.**

**Directions:** What should come in place of the question mark (?) in the following questions?

$85\% \text{ of } \frac{4}{7} \text{ of } 6755 = ? + 1687$

- (a) 1586
- (b)1592
- (c) 1594
- (d)1582
- (e) None of these

**Q97.**

**Directions:** What should come in place of the question mark (?) in the following questions?

$(5568 \div 87)^{1/3} + (72 \times 2)^{1/2} = (?)^{1/2}$

- (a) 256
- (b)4
- (c) 72
- (d)16
- (e) None of these

**Q98.**

**Directions:** What should come in place of the question mark (?) in the following questions?

- (a) 2
- (b) 16
- (c) 256
- (d) 4
- (e) (256)2

**Q99.**

Directions: What should come in place of the question mark (?) in the following questions?

$$(0.49)^4 \times (0.343)^4 \div (0.2401)^4 = (70 \div 100)^? + 3$$

- (a) 3
- (b) 1
- (c) 4
- (d) 7
- (e) None of these

**Q100.**

Directions: What should come in place of the question mark (?) in the following questions?

$$45\% \text{ of } \sqrt{2025} \div 0.01 = (?)^2 + 25$$

- (a) 3
- (b) (81)2
- (c) 225
- (d) 9
- (e) 12

**ANSWERS :**

- |      |      |      |       |      |      |
|------|------|------|-------|------|------|
| 1 a  | 2 b  | 3 c  | 4 a   | 5 d  | 6 d  |
| 7 e  | 8 c  | 9 a  | 10 c  | 11 e | 12 d |
| 13 b | 14 b | 15 b | 16 e  | 17 c | 18 a |
| 19 c | 20 a | 21 b | 22 a  | 23 d | 24 c |
| 25 c | 26 a | 27 b | 28 e  | 29 d | 30 c |
| 31 a | 32 d | 33 c | 34 b  | 35 c | 36 c |
| 37 b | 38 a | 39 b | 40 b  | 41 b | 42 a |
| 43 d | 44 d | 45 b | 46 d  | 47 e | 48 e |
| 49 a | 50 a | 51 e | 52 b  | 53 c | 54   |
| 55 b | 56 d | 57 e | 58 a  | 59 c | 60 b |
| 61 e | 62 c | 63 b | 64 b  | 65 e | 66 c |
| 67 c | 68 e | 69 a | 70 b  | 71 e | 72 c |
| 73 c | 74 c | 75 c | 76 e  | 77 b | 78 e |
| 79 a | 80 c | 81 c | 82 c  | 83 c | 84 d |
| 85 d | 86 a | 87 b | 88 b  | 89 d | 90 b |
| 91 b | 92 d | 93 a | 94 c  | 95 e | 96 b |
| 97 e | 98 d | 99 a | 100 e |      |      |

