

# 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.

A friend in need is a friend indeed. A man who stands \_\_\_11\_\_\_ his friend in \_\_\_12\_\_\_ is a true friend. Selfless love is the base of true friendship. True friends share each others Joy and sorrow, pain and pleasure. They do not fall \_\_\_13\_\_\_ in adversity. They have full confidence in each other. They never \_\_\_14\_\_\_ each other. \_\_\_15\_\_\_ makes friends, adversity tiles them. A selfless friend is a \_\_\_16\_\_\_ a selfish friend is a curse. The first is an angel and the second is a devil. One makes your career while the other \_\_\_17\_\_\_ it. True friendship means great self sacrifice on the part of both. A true friend \_\_\_18\_\_\_ pleasure and convenience. He goes out of his way and faces difficulties in his way with joy and even with pride. Joy and sorrow, success and failure, good fortune and misfortune, are equally \_\_\_19\_\_\_ by a pair of true friends. They \_\_\_20\_\_\_ the burden of life equally for they feel that they sail in the same boat and that they have to sink and swim together.

### **Q1.**

11.

- (a) to
- (b) with
- (c) for
- (d) by
- (e) of

### **Q2.**

12.

- (a) adversity
- (b) commotion
- (c) change
- (d) happiness
- (e) growth

### **Q3.**

13.

- (a) by
- (b) to
- (c) of

- (d) with
- (e) through

### **Q4.**

14.

- (a) postulate
- (b) commit
- (c) danger
- (d) deplete
- (e) betray

### **Q5.**

15.

- (a) Wealth
- (b) Prosperity
- (c) Man
- (d) Providence
- (e) Wellbeing

### **Q6.**

16.

- (a) boon
- (b) force
- (c) blessing
- (d) calamity
- (e) message

### **Q7.**

17.

- (a) throws
- (b) develops
- (c) constructs
- (d) mars
- (e) lacks

### **Q8.**

18.

- (a) foregoes
- (b) mitigates
- (c) evolves
- (d) appraises
- (e) prospers

### **Q9.**

19.

- (a) built
- (b) pleased
- (c) admired
- (d) advocated

(e) shared

**Q10.**

20.

- (a) expect
- (b) shoulder
- (c) dislike
- (d) propose
- (e) project

**Q11.**

Investigating officers have found (1) / a lot of gaps between (2) / the information they gather on their own (3)/ and the version of events narrated by the accused (4)/ No error (5)

- (a) Investigating officers have found
- (b) a lot of gaps between
- (c) the information they gather on their own
- (d) and the version of events narrated by the accused
- (e) No error

**Q12.**

The death of the man has brought (1)/ to the fore the plight of thousands of migrants (2)/ languishing behind bars in India after (3)/ being apprehended in the border (4)/ No error (5)

- (a) The death of the man has brought
- (b) to the fore the plight of thousands of migrants
- (c) languishing behind bars in India after
- (d) being apprehended in the border
- (e) No error

**Q13.**

Only recently (1)/ did the manager realized that the (2)/ information provided to him (3) / by his employees was fabricated(4)/ No error (5)

- (a) Only recently
- (b) did the manager realized that the
- (c) information provided to him
- (d) by his employees was fabricated
- (e) No error

**Q14.**

Attrition is going to be in(1)/the norm in the banking industry (2)/ in the days to come and banks (3)/ should being prepare for future (4)/ No error (5)

- (a) Attrition is going to be in
- (b) the norm in the banking industry
- (c) in the days to come and banks

(d) should being prepare for future

(e) No error

**Q15.**

However they stressed there was no (1)/ formal deal on a (2)/ common text in the (3)/ full 19 national ministers (4)/ No error (5)

- (a) However they stressed there was no
- (b) formal deal on a
- (c) common text in the
- (d) full 19 national ministers
- (e) No error

**Q16.**

The comment assume significant (1)/ in the wake of the high pro . , file (2) / reports having suggested (3)/ creating a single appellate authority for all financial sectors (4)/ No error (5)

- (a) The comment assume significant
- (b) in the wake of the high pro . , file
- (c) reports having suggested
- (d) creating a single appellate authority for all financial sectors
- (e) No error

**Q17.**

The ruling parties have (1)/ much than the require (2)/ two thirds majority (3)/ in the assembly to endorse the statute (4) / No error (5)

- (a) The ruling parties have
- (b) much than the require
- (c) two thirds majority
- (d) in the assembly to endorse the statute
- (e) No error

**Directions : Rearrange the following five sentences (A), (B) (C),(D)and (E) in the proper sequence to form a meaningful paragraph then answer the questions given below them.**

(A)For instance, if we measure the room temperature continuously and plot its, graph with time on X-axis and temperature on the Y axis, we get a continuous waveform, which is an analog signal. Analog is Always continuous.

(B)The absence or presence of something can be used to plot a digital signal.

(C)An analog signal is a continuously varying signal, similar to a sinusoidal, waveform.

(D)Any signal can be classified into one of the two types analog and digital.

(E)In contrast, a digital signal takes the form of pulses, where we have something or nothing.

**Q18.**

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

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

**Q19.**

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

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

**Q20.**

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

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

**Q21.**

Which of the following should be the **FOURTH** sentence after rearrangement ?

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

**Q22.**

Which of the following should be the **FIFTH** sentence 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**

**phrases have been printed in bold to help you locate them while answering some of the questions.**

We should never confuse education with training or the Tools that educators use. Education is no more a computer or an online class than It is a chalkboard those are simply tools. Additionally, precious few new and relevant findings have been added to our insights into the learning process much of what many proclaim , to be insightful turns out to be faddish and misguided. What we need for learning to occur are well prepared and motivated teachers, students who are willing and able to learn, and a social system that values educational attainment. Many .might take exception to these assertions, raising a host of ancillary social, economic, nutritional, and sociological issues. However, decades of data from failed public experiments aimed at mitigating these problems argue to the contrary. What are we to do? Create a wave of educational entrepreneur ship? Despite all the hype and media attention, ho one currently knows the best way forward., We must incentivize educationalists, technologists, and classroom teachers professors to experiment and innovate. each partnerships should freely explore alternatives as we seek to define the blended face to face, and online classrooms of the future. Spine approaches will fall, bit that is part of the change process. There will be riot one size future fits all experience success will vary by discipline and educational objectives. Unless everyone involved in this process is inspired to take risks, we will not enjoy the full potential these new approaches represent. Also, we should not forget the extent to which those who most benefit from the current system will attempt to hijack this change process for their own purposes. With these issues in mind, consider the following vision of the change process to the classroom of tomorrow a vision that leverages technology to create a more personalized learning experience. With the onset of this vision the professor student relationship will change. What is not likely to survive is the large class in which everyone progresses at, the same pace. That paradigm will be replaced by a more customized and collaborative learning process. The reality of a technology enabled personalized learning environment is still evolving. What seems clear is that at its heart is a more collaborative and partially student mapped and paced process. The function of the professor, aided by educationalists, will also change. Student professor collaboration will now determine both what content can

be assigned to drill practice methods and how the student demonstrates mastery of that content. In such cases timing issues will most likely be left entirely in the students hands, while technology specialists recommend the best hardware and software solutions. Critical thinking application ideas will involve more specialized, face-to-face, and, interactive online approaches geared to the real-time needs and progress the student is making. Thus, the professor with the students help will vigilantly mix and blend the learning ingredients to produce a new learning environment. How this process plays out in reality will be the result of educational entrepreneurship, but it will surely entail both successes and some failures. The administration and accreditation of education will also have to change. As more education occurs outside the bricks and mortar framework and is more centered on the student professor interaction, the role of all nonteaching staff will need to be reassessed. As students and faculty increase their use of technology to personalise their formal and informal learning, educational technologists must be on hand to facilitate the effective use of that technology. Also, the current hierarchical and standard outcomes formulas for administration and accreditation of our colleges and universities are no longer tenable. Realistically, they are an impediment to the change needed. Finally, we must address one of the most serious challenges facing online education cheating. Simply put, cheating is rampant, and we are turning a blind eye to the problem. Presumably tuition revenues and the convenience of online classes are the primary reasons for inaction. Cheating threatens the integrity of the educational process, however, and the value-added of the degree. Solutions must be found and implemented or, changes will be for naught.

### Q23

Which of the following can be the most suitable title for the passage?

- (a) Educating through technology what the future can be.
- (b) Evolution of Technology The way forward for tech,
- (c) Limitations of technology.
- (d) Teachers An obsolete future.
- (e) The hype around technology Elided education.

### Q24.

According to the author, which of the following changes will occur with the onset of the desired level of technology aided education. I. The pace of learning for each student will be different. II. The role of the teacher will change and become one of being the provider of tailored learning content ,to the student. III., The decision of how much time a student needs to learn will be left to the students disposal.

- (a) Only I
- (b) Only II
- (c) Only III
- (d) Both I and II
- (e) Both I and III

### Q25.

According to the author, which of the following should be done to effectively integrate technology with education ?

- I. We should be alert, about people who may not allow certain ,changes for their own benefits.
- II. Innovation amongst stakeholders of education and technology should be encouraged.
- III. Risk taking should be kept to a bare minimum to mitigating adverse effects.

- (a) Only I
- (b) Only III
- (c) Only III
- (d) All three I, II and III.
- (e) Both I and II

### Q26.

According to the author, which in **NOT TRUE** about cheating ?

- (a) It is quite prevalent at present.
- (b) Not much is being done to curtail it at present.
- (c) It is one of the gravest problems faced in education.
- (d) It undermines the value of the credential obtained through education.
- (e) All the given options are true.

### Q27.

What does the author mean when he uses the words will be for naught ?

- (a) Author means, the efforts will be successful.
- (b) Author means, the efforts will get nothing.
- (c) Author feels it is only \$ dream
- (d) Author encourages to reach the zenith.
- (e) None of these

**Q28.**

- (a)
- (b)
- (c)
- (d)
- (e)

**Q29.**

Which of the following is most nearly the SAME in meaning as the word given in bold as used in the passage ?

- (a) Involve
- (b) Dissolve
- (c) Disappear
- (d) Trap
- (e) Ensue

**Q30.**

Which of the following can be the most suitable title for the passage?

- (a) Educating through technology what the future can be.
- (b) Evolution of Technology The way forward for tech,
- (c) Limitations of technology.
- (d) Teachers An obsolete future.
- (e) The hype around technology Elided education.

**(REASONING ABILITY)**

**Q31.**

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

B, M, T, R, K, H and D are travelling in a train compartment with III-tier Sleeper berth. Each of them has a different profession of Engineer, Doctor, Architect, Pharmacist, Lawyer, Journalist and Pathologist. They occupied two lower berths, three middle berths and two upper berths. B. the Engineer is not on the upper berth. The Architect is the only other person who occupies the same type of berth as that of B. M and H are not on the middle berth and their professions are Pathologist and Lawyer respectively. T is a Pharmacist. D is neither a Journalist nor an Architect. K occupies same type of berth as that of the Doctor.

What is D's profession?

- (a) Doctor
- (b) Engineer

- (c) Lawyer
- (d) Pharmacist
- (e) Data inadequate

**Q32.**

Which of the following group occupies middle berth ?

- (a) DKR
- (b) DHT
- (c) HKT
- (d) DIG
- (e) None of these

**Q33.**

Which of the following combination of person-berth-profession is correct?

- (a) R-Lower-Journalist
- (b) R-Lower-Architect
- (c) D-Upper-Doctor
- (d) K-Upper-Lawyer
- (e) All correct

**Q34.**

Which of the following pairs occupy the lower berth?

- (a) BD
- (b) BK
- (c) BT
- (d) Data inadequate
- (e) None of these

**Q35.**

Who is the Architect?

- (a) D
- (b) H
- (c) R
- (d) Data inadequate
- (e) None of these

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

A, B, C, D, E, F, G and H are eight persons working in three different departments viz. Operations, Sales and Finance of an organisation with at least two and not more than three in any department. They are in three different scales viz. I, II and III with at least two in any one scale. Both the employees in Operations departments are in Scale II. D works in Sales department and belongs to Scale I. A works in Finance departments and does not belong to Scale I. Two

employees in Sales department belong to one scale. F works with only H in one of the departments. C works with E in one of the departments. B, does not work with either C or A in the same department. G does not belong to Scale III. E does not belong to Scale I.

**Q36.**

Which of the following combinations is correct ?

- (a) Operation - F - I
- (b) Operation - H - III
- (c) Sales - B - II
- (d) Finance - E - III
- (e) All are correct

**Q37.**

Which of the following groups of employees work in sales department?

- (a) DBE
- (b) DBC
- (c) DBG
- (d) Data Inadequate
- (e) None of these

**Q38.**

H belongs to which scale ?

- (a) I
- (b) II
- (c) III
- (d) Data inadequate
- (e) None of these

**Q39.**

G belongs to which scale ?

- (a) II
- (b) III
- (c) I
- (d) I or II
- (e) None of these

**Q40.**

C belongs to which scale?

- (a) I
- (b) II
- (c) III
- (d) For II
- (e) None of these

**Directions: Study the following information carefully answers the given questions:**

Twelve persons are sitting in two parallel rows containing six persons each, in such a way that there is an equal distance between adjacent persons. In row1, A, B, C, D, E and F are seated (but not necessarily in the same order) and all of them are facing south. In row2, P, Q, R, S, T and V are seated (but not necessarily in the same order) and all of them are facing north. Therefore, in the given seating arrangement each person seated in a row faces another person of the other row.

A sits third to the left of E. The person facing A sits second to the left of T. Two persons are sitting between T and P. C and D are immediate neighbours. C and D do not sit at any of the extreme ends of the line. Only one person sits between B and C. The person facing D is an immediate neighbour of Q. V is not an immediate neighbour of P. S does not face A.

**Q41.**

Who amongst the following sits second to the right of the person who faces R ?

- (a) C
- (b) D
- (c) B
- (d) E
- (e) Cannot be determined

**Q42.**

Which of the following statements regarding B is true?

- (a) B sits second to the left of C
- (b) A sits to immediate left of B
- (c) T faces B
- (d) D is an immediate neighbour of B
- (e) The person who faces B is an immediate neighbour of S

**Q43.**

Who amongst the following faces P ?

- (a) A
- (b) D
- (c) C
- (d) E
- (e) Cannot be determined

**Q44.**

Who amongst the following sits exactly between T and R?

- (a) V
- (b) Q
- (c) S

- (d)P  
(e) Cannot be determined

**Q45.**

Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to the group?

- (a)F  
(b)9  
(c) T  
(d)C  
(e) E

**Directions: Study the following information carefully answers the given questions:**

Twelve persons are sitting in two parallel rows containing six persons each, in such a way that there is an equal distance between adjacent persons. In row1, A, B, C, D, E and F are seated (but not necessarily in the same order) and all of them are facing south. In row2, P, Q, R, S, T and V are seated (but not necessarily in the same order) and all of them are facing north. Therefore, in the given seating arrangement each person seated in a row faces another person of the other row.

A sits third to the left of E. The person facing A sits second to the left of T. Two persons are sitting between T and P. C and D are immediate neighbours. C and D do not sit at any of the extreme ends of the line. Only one person sits between B and C. The person facing D is an immediate neighbour of Q. V is not an immediate neighbour of P. S does not face A.

**Q46.**

Who amongst the following sits seconds to the right of the person who faces R ?

- (a)C  
(b) D  
(c) B  
(d) E  
(e) Cannot be determined

**Q47.**

Which of the following statements regarding B is true?

- (a)B sits second to the left of C  
(b)A sits to immediate left of B  
(c)T faces B  
(d)D is an immediate neighbour of B  
(e)The person who faces B is an immediate neighbour of S

**Q48.**

Who amongst the following faces P ?

- (a) A  
(b)D  
(c) C  
(d)E  
(e) Cannot be determined

**Q49.**

Who amongst the following sits exactly between T and R?

- (a) V  
(b)Q  
(c) S  
(d)P  
(e) Cannot be determined

**Q50.**

Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to the group?

- (a)F  
(b)9  
(c) T  
(d)C  
(e) E

**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:**

$P < M, M \leq R, R = T, T < L$

**Conclusions:**

- I.  $P < R$   
II.  $P = R$   
III.  $M \leq L$   
(a)I only  
(b)Either I or II only  
(c)III only  
(d)All I, II and III  
(e)None is 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:**

$$F > H, M \leq H, M \geq R, G = M$$

**Conclusions:**

I.  $F \geq R$

II.  $F > R$

III.  $H \geq G$

(a) II and III only

(b) II only

(c) III only

(d) III and either I or II

(e) None is true

**Q53.**

**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:**

$$K > T, T < D, D = F, F \leq G$$

**Conclusions:**

I.  $G > K$

II.  $G = T$

III.  $G > T$

(a) I and II only

(b) II and III only

(c) Either II or III only

(d) III only

(e) None is true

**Q54.**

**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:**

$$H < J, J = N, N > R$$

**Conclusions:**

I.  $R < J$

II.  $H > J$

III.  $N > H$

(a) Only II is true

(b) Only I and III are true

(c) Only I is true

(d) Only III is true

(e) None is true

**Q55.**

**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:**

$$M > J, J \geq T, T = N$$

**Conclusions:**

N # J

II.  $T < M$

III.  $M > N$

(a) Only I and II are true

(b) Only II and III are true

(c) Only I and III are true

(d) None is true

(e) All are true

**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:**

All birds are horses.

All horses are tigers.

Some tigers are lions.

Some lions are monkeys.

**Conclusions:**

I. Some tigers are horses.

II. Some monkeys are birds.

III. Some tigers are birds.

IV. Some monkeys are horses.

(a) Only I and III follow

(b) Only I, II and III follow

(c) Only II, III and IV follow

(d) All I, II, III 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**



Some benches are walls.  
All walls are houses.  
Some houses are jungles .  
All jungles are roads.

**Conclusions:**

- I. Some roads are benches.
- II. Some jungles are walls.
- III. Some houses are benches.
- IV. Some roads are houses.
- (a) Only I and II follow
- (b) Only I and III follow
- (c) Only III and IV follow!
- (d) Only II, III and IV follow
- (e) None of these

**Q58.**

**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 sticks are lamps.  
Some flowers are lamps.  
Some lamps are dresses.  
All dresses are shirts.

**Conclusions:**

- I. Some shirts are sticks. .
- II. Some shirts are flowers.
- III. Some flowers are sticks.
- IV. Some dresses are sticks.
- (a) None follows
- (b) Only I follows
- (c) Only II follows
- (d) Only III follows
- (e) Only IV follows

**Q59.**

**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 rings are circles.  
All squares are rings.  
No ellipse is a circle.

**Conclusions:**

- I. Some rings being ellipses is a possibility.
- II. At least some circles are squares.
- (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.

**Q60.**

**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:**

No house is an apartment.  
Some bungalows are apartments.

**Conclusions:**

- I. No house is a bungalow:
- II. All bungalows are houses.
- (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.

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

P, F, R, T, Q, N and D are studying different specializations IT, Civil, HR, Marketing, Finance, Journalism and Pharmacy not necessarily in the same order each one of them have liking for a different colour red, blue, green, yellow, pink, orange and grey not necessarily in the same order. Three of them are girls. P likes yellow colour but does not study IT or HR. The one who studies Civil, likes grey colour and is a girl, Q, who is sister of N, studies Marketing and likes pink colour. D's specialisation is in pharmacy and likes red colour. N, the wife of R studies HR and likes green. F likes grey and R likes orange, the one who likes blue studies Finance.

**Q61.**

Who is studying Civil Engineering?

- (a) P
- (b) T
- (c) F
- (d) Cannot be determined
- (e) None of these

**Q62.**

Which of the following is the group of girls?

- (a) F, D, N
- (b) F, Q, N

- (c)Q, N, P  
(d)Cannot be determined  
(e)None of these

**Q63.**

Which subject is studied by R?

- (a)Civil  
(b) Finance  
(c)Journalism  
(d)Cannot be determined  
(e)None of these

**Q64.**

Who is studying Journalism?

- (a) P  
(b)Q  
(c)R  
(d)Cannot be determined  
(e)None of these

**Q65.**

Which of the following combinations of person - colour and subject is correct?

- (a)Blue-T-Marketing  
(b)Pink-N-HR  
(c)Orange-R-Civil  
(d)Blue-T-Finance  
(e)None of these

**(QUANTITATIVE APTITUDE)**

**Q66.**

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

133 183 241 307 381 463 ?

- (a)557  
(b)521  
(c)553  
(d)541  
(e)Other than those given as options

**Q67.**

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

1331 2197 4913 6859 ? 24389

- (a)12167  
(b)13824  
(c)9261

- (d)15625  
(e)None of these

**Q68.**

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

14 16 35 109 441 ?

- (a)2651  
(b)2205  
(c)2315  
(d)2211  
(e)None of these

**Q69.**

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

14 1004 1202 1251.5 1268(?)

- (a)1267.5  
(b)1276.25  
(c)1324.5  
(d)1367.25  
(e)None of these

**Q70.**

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

14 15 23 32 96 ?

- (a)121  
(b)124  
(c)152  
(d)111  
(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.  $x^2 = 4$

II.  $y^2 + 6y + 9 = 0$

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

**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.  $2x + 3y = 4$

II.  $3x + 2y = 11$

(a)  $x < y$

(b)  $x \leq y$

(c)  $x = y$

(d)  $x \geq y$

(e)  $x > y$

**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.  $4x + 2y = 51$

II.  $15y + 13x = 221$

(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

**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.  $8x^2 + 3x = 38$

II.  $6y^2 + 34 = 29y$

(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

**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.  $x^2 + 91 = 20x$

II.  $10y^2 - 29y + 21 = 0$

(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

**Q76.**

Gaurav spent Rs. 38460 on the renovation of his home, Rs. 24468 on buying home theatre and the remaining

28% of the total amount he had as cash with him. What was the total amount?

(a) Cannot be determined

(b) Rs. 76,500

(c) Other than those given as options

(d) Rs. 92,600

(e) Rs. 87,400

**Q77.**

A particular sum was divided among A, B and C in the ratio 2 : 6 : 7 respectively. If the amount received by A was Rs. 4,908, what was the difference between the amount received by B and C ?

(a) Rs. 2,454

(b) Rs. 3,494

(c) Rs. 2,135

(d) Rs. 2,481

(e) None of these

**Q78.**

Manoj sold an article for Rs. 15,000. Had he offered a discount of 10% on the selling price he would have earned a profit of 8%. What is the cost price?

(a) Rs. 12,500

(b) Rs. 13,500

(c) Rs. 12,250

(d) Rs. 13,250

(e) None of these

**Q79.**

A certain sum is invested for 2 years in scheme A at 20% p.a. compound interest compounded annually. Same sum is also invested for the same period in scheme B at  $a\%$  p.a. at a simple interest. The interest earned from scheme A is twice of that earned from scheme B. What is the value of  $x$  ?

(a) 10

(b) 11

(c) 15

(d) 12

(e) 19

**Q80.**

On walking at  $\frac{3}{4}$  of his usual speed a man reaches his office 20 minutes late. What is the usual time taken by him in reaching his office?

(a) 75 minutes

(b) 60 minutes

(c) 40 minutes

- (d) 30 minutes  
 (e) None of these

**Q81.**

In how many different ways can the letters of the word 'CASUAL' be arranged ?

- (a) 36  
 (b) 720  
 (c) 240  
 (d) 360  
 (e) None of these

**Q82.**

Four circles having equal radii are drawn with centers at the four corners of a square. Each circle touches the other two adjacent circle. If remaining area of the square is 68 cm square, what is the size of the radius of the circle ? (in centimetres)

- (a) 14  
 (b) 1.4  
 (c) 35  
 (d) 21  
 (e) 3.51

**Q83.**

The length and breadth of the floor of a room are 20 feet and 10 feet respectively. Square tiles of 2 feet length of three different colours are to be laid on the floor. Black tiles are laid in the first row on all sides. If white tiles are laid in the one-third of the remaining and blue tiles in the rest, how many blue tiles will be there?

- (a) 16  
 (b) 32  
 (c) 48  
 (d) 24  
 (e) None of these

**Q84.**

If three marbles are picked at random, what is the probability that two are blue and one is yellow ?

- (a) 2/15  
 (b) 6/91  
 (c) 12/91  
 (d) 3/15  
 (e) None of these

**Q85.**

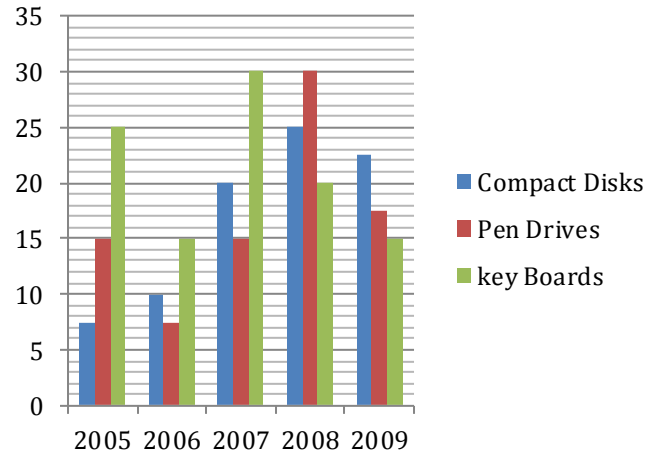
A grocer purchased 2 kg. of rice at the rate of Rs. 15 per kg. and 3 kg. of rice at the rate of Rs. 13 per kg. At what

price per kg. should he sell the mixture to earn 33-1/3% profit on the cost price ?

- (a) Rs 28.00  
 (b) Rs 20.00  
 (c) Rs 18.40  
 (d) Rs 17.40  
 (e) None of these

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

**Three different products (in Thousands) produced by a company in five different years**



**Q86.**

What was the total number of all the products produced by the company In the year 2006 and 2008 together?

- (a) 10750  
 (b) 107.5 lacs  
 (c) 105700  
 (d) 10570  
 (e) None of these

**Q87.**

What was the average number of Pendrives produced by the company over all the years together ?

- (a) 1700  
 (b) 1.7 lacs  
 (c) 17000  
 (d) 85000  
 (e) None of these

**Q88.**

What is the difference between the total number of Pendrives and CDs produced by the company together in the year 2008 and the number of Key boards produced by the company in the year 2006 ?

- (a) 40000
- (b) 4000
- (c) 35000
- (d) 3500
- (e) None of these

**Q89.**

What was the respective ratio between the number of Key boards produced by the company in the year 2006, 2007 and 2009 ?

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

**Q90.**

What was the respective ratio between the number of CDs produced by the company in the year 2009 and the number of Keyboards produced by the company in the year 2005 ?

- (a) 9 : 10
- (b) 11 : 10
- (c) 10 : 9
- (d) 10 : 11
- (e) None of these

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

City	Total Population	Percentage of adult Males	Percentage of children below 18 years of age
A	68300000	45	12
B	42500000	53	14
C	71200000	52	13
D	93500000	49	11
E	54500000	41	15
F	81200000	43	16

**Q91.**

By what percent is the number of adult males in cities C and D more than that of adult females in the same cities ?

- (a) 33%
- (b) 30%
- (c) 35%
- (d) 35.9%
- (e) 40%

**Q92.**

The number of children in city F is what percent of the number of adult females in the same city?

- (a) 35%
- (b) 39%
- (c) 42%
- (d) 43%
- (e) 44%

**Q93.**

The difference between the number of adult females in the cities: A and D is

- (a) 8031000
- (b) 8301000
- (c) 8130000
- (d) 8231000
- (e) None of these

**Q94.**

What Is the adult population in cities B and F ?

- (a) 107458000
- (b) 104758000
- (c) 104458000
- (d) 114458000
- (e) None of these

**Q95.**

What is ratio of total population of city D and city E ?

- (a) 187 : 109
- (b) 187 : 119
- (c) 119 : 187
- (d) 129 : 187
- (e) None of these

**Q96.**

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

$$4003 \times 77 - 21015 = ? \times 116$$

- (a) 2477
- (b) 2478
- (c) 2467
- (d) 2476
- (e) None of these

**Q97.**

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

$$((5\sqrt{7} + \sqrt{7}) \times (4\sqrt{7} + 8\sqrt{7})) - (19)^2 = ?$$

- (a) 143
- (b) 7277

- (c) 134  
 (d) 70T7  
 (e) None of these

**Q98.**

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

$$(4444 \div 40) + (645 \div 25) + (3991 \div 26) = ?$$

- (a) 280.4  
 (b) 290.4  
 (c) 295.4  
 (d) 285.4  
 (e) None of these

**Q99.**

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

$$\sqrt{33124} \times \sqrt{2601} - (83)^2 = (?)^2 + (37)^2$$

- (a) 37  
 (b) 33  
 (c) 34  
 (d) 28  
 (e) None of these

**Q100.**

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

$$5\frac{17}{37} \times 4\frac{51}{52} \times 11\frac{1}{7} + 2\frac{3}{4} = ?$$

- (a) 303.75  
 (b) 305.75  
 (c) 303.5  
 (d) 305.25  
 (e) n

**ANSWERS :**

- |      |      |      |      |      |      |
|------|------|------|------|------|------|
| 1 c  | 2 d  | 3 c  | 4 c  | 5 a  | 6 e  |
| 7 e  | 8 d  | 9 b  | 10 a | 11 b | 12 c |
| 13 d | 14 b | 15 a | 16 b | 17 b | 18 e |
| 19 d | 20 a | 21 b | 22 a | 23 e | 24 e |
| 25 e | 26 c | 27 e | 28 a | 29 b | 30 d |
| 31 a | 32 a | 33 c | 34 c | 35 b | 36 a |
| 37 b | 38 e | 39 c | 40 a | 41 e | 42 e |
| 43 b | 44 a | 45 b | 46 b | 47 b | 48 d |
| 49 e | 50 e | 51 b | 52 c | 53 a | 54 e |
| 55 d | 56 e | 57 e | 58 c | 59 a | 60 c |

- |      |      |      |       |      |      |
|------|------|------|-------|------|------|
| 61 a | 62 d | 63 e | 64 b  | 65 c | 66 c |
| 67 c | 68 a | 69 d | 70 a  | 71 c | 72 d |
| 73 a | 74 a | 75 a | 76 b  | 77 a | 78 b |
| 79 d | 80 b | 81 e | 82 c  | 83 b | 84 e |
| 85 b | 86 b | 87 e | 88 b  | 89 c | 90 b |
| 91 e | 92 b | 93 a | 94 e  | 95 c | 96 d |
| 97 d | 98 b | 99 e | 100 c |      |      |

