

# IBPS CLERK 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.

In the (\_\_\_54\_\_\_) of India's economic boom, Indian Professional Service Firms (PSFs) from management consultancies and investment banks to advertising agencies and law firms are (\_\_\_55\_\_\_) to attract the best and the brightest talent. But to be truly successful they have to do more than that. Like PSFs around the world they need to (\_\_\_56\_\_\_) their professionals rather than see them walk out of the door in (\_\_\_57\_\_\_) of opportunities. To achieve that, companies often rely on the (\_\_\_58\_\_\_) of sprawling campuses and luxurious facilities. But none of this gets to the (\_\_\_59\_\_\_) of the problem, which is when young professionals join PSFs they have expectations which go far (\_\_\_60\_\_\_) the nature of facilities. (\_\_\_61\_\_\_) on to do creative, thought provoking work, they often find themselves engaged in doing (\_\_\_62\_\_\_) activities. They feel underutilized, which is a formula for (\_\_\_63\_\_\_) in the long term.

### **Q1.**

54.

- (a) depth
- (b) stage
- (c) midst
- (d) present
- (e) knowledge

### **Q2.**

55.

- (a) opposing
- (b) rivalling
- (c) partial
- (d) competing
- (e) obsessed

### **Q3.**

56.

- (a) transition
- (b) retain
- (c) advance
- (d) substitute

(e) restrain

### **Q4.**

57.

- (a) obtaining
- (b) pursuing
- (c) demand
- (d) direction
- (e) search

### **Q5.**

58.

- (a) allure
- (b) control
- (c) reward
- (d) perk
- (e) allusion

### **Q6.**

59.

- (a) solution
- (b) key
- (c) heart
- (d) precedence
- (e) occurrence

### **Q7.**

60.

- (a) ahead
- (b) beyond
- (c) away
- (d) to
- (e) sighted

### **Q8.**

61.

- (a) Deciding
- (b) Catching
- (c) Keen
- (d) Focussing
- (e) Signing

### **Q9.**

62.

- (a) pivotal
- (b) productive
- (c) optional
- (d) mundane
- (e) allied

**Q10.**

63.

- (a) failure
- (b) motivation
- (c) success
- (d) innovation
- (e) potential

**Q11.**

The Finance Ministers view (1)/ is that the scheme will ensure (2)/ that millions of farmers will be (3)/ lifted out of poverty (4)/ No error(5)

- (a) The Finance Ministers view
- (b) is that the scheme will ensure
- (c) that millions of farmers will be
- (d) lifted out of poverty
- (e) No error

**Q12.**

The survey conducted reveals (1)/ that there is a lack (2)/ of adequate healthcare facilities (3)/ even in urban areas (4)/ No error(5)

- (a) The survey conducted reveals
- (b) that there is a lack
- (c) of adequate healthcare facilities
- (d) even in urban areas
- (e) No error

**Q13.**

Wheat productions in the region (1)/ will fall drastically (2)/ unless we do anything (3)/ to stop climate change (4)/ No error(5)

- (a) Wheat productions in the region
- (b) will fall drastically
- (c) unless we do anything
- (d) to stop climate change
- (e) No error

**Q14.**

The Indian stock market is (1)/ one of the worse (2)/ performing stock markets (3)/ in the recent times (4)/ No error (5)

- (a) The Indian stock market is
- (b) one of the worse
- (c) performing stock markets
- (d) in the recent times
- (e) No error

**Q15.**

With inflation at eleven percent (1)/ companies need to come up (2)/ with innovative ways to (3)/ get customers to buy it good (4)/ No error (5)

- (a) With inflation at eleven percent
- (b) companies need to come up
- (c) with innovative ways to
- (d) get customers to buy it good
- (e) No error

**Q16.**

Private companies which profits (1)/ have grown due to (2)/ the high price of oil (3)/ should offer discounts on cooking gas (4)/ No error (5)

- (a) Private companies which profits
- (b) have grown due to
- (c) the high price of oil
- (d) should offer discounts on cooking gas
- (e) No error

**Q17.**

Having work in (1)/both public and private sector banks (2)/ Mr. Rao is the ideal choice to (3)/ take over as chairman (4)/ No error (5)

- (a) Having work in
- (b) both public and private sector banks
- (c) Mr. Rao is the ideal choice to
- (d) take over as chairman
- (e) No error

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

- (A) Irrespective of hierarchical level, he would give undivided attention to those who voiced ideas.
- (B) He would then ask him risk some probing questions and turn to his senior most managers to get these implemented,
- (C) What set him apart from other industrialists was that he was not interested in demonstrating his power over his employees.
- (D) This Is a prime example of how he fostered the participation of everyone of in the organization,
- (E) For example he would typically look Intently at a young engineer presenting his ideas.
- (F) Instead he thought of himself as one of them.

**Q18.**

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

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

**Q19.**

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

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

**Q20.**

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

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

**Q21.**

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

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

**Q22.**

Which of the following should be the **FIRST** 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 are given in bold to help you locate them while answering some of the questions.**

Rural India faces serious shortages power, water, health facilities, roads, etc. these are known and recognised. However, the role of technology in solving these and other problems is barely acknowledged and the actual

availability of technology in rural areas is marginal. The backbone of the rural economy is agriculture which also provides sustenance to over half the country's population. The green revolution of the 1970s was, in fact, powered by the scientific work in various agricultural research Institutions. While some fault the green revolution for excessive exploitation of water and land resources through overuse of fertilizers, it did bring about a wheat surplus and prosperity in certain pockets of the country. In rural India today, there is a dire inadequacy of both science (i.e. knowledge) and technology (which derives from science and manifests itself in physical form). The scope to apply technology to both farm and nonfarm activities in rural areas is huge, as are the potential benefits. In fact, crop yields are far lower than what they are in demonstration farms, where science and technology are more fully applied. Technologies that reduce power consumption of pumps are vital unfortunately, their use is minimal, since agricultural power is free or largely subsidized. Similarly, there is little incentive to optimize through technology or otherwise water use, especially in irrigated areas (a third of total arable land), given the water rates. Postharvest technologies for processing and adding value could greatly enhance rural employment and incomes, but at present deployment of technology is marginal. Cold storage and cold chains for transportation to market is of great importance for many agricultural products particularly, fruits and vegetables but are nonexistent. These are clearly technologies with an immediate return on investment, and benefits for all the farmer, the end consumer, the technology provider. However, regulatory and structural barriers are holding back investments. Power is a key requirement in rural areas, for agricultural as well as domestic uses. Technology can provide reliable power at comparatively low cost. In a decentralized manner. However this needs to be upgraded and scaled in a big way, with emphasis on renewable and nonpolluting technologies. Reliable and low cost means of transporting goods and people is an essential need for rural areas. The bullock cart and the tractor-trailer are present vehicles of choice. Surely, technology can provide a better, cheaper and more efficient solution? Information related to commodity prices, agricultural practices, weather etc. are crucial for the farmer. Technology can provide these through mobile phones, which is a proven technology however the challenge to ensure connectivity remains. Thus there is a pressing

need for technology as currently economic growth though skewed and iniquitous has created an economically attractive market in rural India.

**Q23.**

According to the author, which of the following is are the problem(s) facing India's rural population?

- (A) Unavailability of healthcare facilities.
- (B) The technological advancements which have been borrowed from abroad have not been suitably adapted to the Indian scenario.
- (C) Lack of awareness about the importance of utilising technology in the agricultural sector.

- (a) Only (A),
- (b) Only (C)
- (c) Both (A) and (B)
- (d) Both (A) and (C)
- (e) None of these

**Q24.**

Which of the following is NOT an impact of the green revolution ?

- (a) Over utilization of water resources
- (b) Application of scientific research only in demonstration farms
- (c) Wealth creation restricted to certain areas
- (d) Damage caused to land by inordinate use of fertilizers
- (e) Supply of wheat surpassed demand

**Q25.**

Why is there no motivation to reduce power consumption ?

- (a) Freely available renewable sources of energy
- (b) Government will have to subsidize the cost of technology required to reduce power consumption
- (c) Power distribution has been decentralised
- (d) The cost of implementing power saving technology is exorbitant for the customer.
- (e) None of these

**Q26.**

What effect will the implementation of post-harvest technologies such as cold storages have?

- (a) Regulatory procedures will have to be more stringent
- (b) Prices of commodities like fruits and vegetables will fall since there is no wastage from spoilage
- (c) Incomes of rural population will fall

(d) Pollution of the environment

(e) None of these

**Q27.**

The authors main objective in writing the passage is to

- (a) Censure scientists for not undertaking research
- (b) Criticize farmers for not utilising experimental, low cost post harvesting technology
- (c) Exhort the government to subsidize the cost of utilising, technology
- (d) Promote a second green revolution
- (e) Advocate broadening the scope of research and use of technology in agriculture

**Q28.**

Which of the following is NOT TRUE in the context of the passage?

- (1) In recent times the benefits of science and technology have not been felt in agriculture
- (2) The current means of rural transportation are ideal i.e. low cost and non-polluting
- (3) Agriculture provides livelihood to over 50 percent of the Indian population.

- (a) Both (A) and (B)
- (b) Only (B)
- (c) Only (C)
- (d) Both (A) and (C)
- (e) None of these

**Q29.**

What has hampered investment in post-harvest technologies ?

- (a) Cost of implementing such technology is higher than the returns
- (b) No tangible benefits to technology suppliers
- (c) Obstacles from statutory authorities
- (d) Rapid economic growth has drawn investors away from agriculture to more commercially viable sectors
- (e) None of these

**Q30.**

What is the role of mobile technology In the rural economy ?

- (A) It will not play a large role since the technology is largely untested.
- (B) It provides opportunities for farmers to manipulate commodity prices.
- (C) It will largely be beneficial since such technology is cheap.

- (a) Both (A) and (C)
- (b) Only (A)
- (c) Both (B) and (C)
- (d) Only (B),
- (e) None of these

**(REASONING ABILITY)**

**Q31.**

**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:**

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

**Conclusions:**

I.  $F > R$

II.  $F \geq M$

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.
- (c) if either Conclusion I or II is true.
- (d) if neither Conclusion I nor II is true.
- (e) if both Conclusions I and II are true.

**Q32.**

**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:**

$L < D, D \leq P, P \geq V, V > G$

**Conclusions:**

I.  $P > L$

II.  $G < P$

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.
- (c) if either Conclusion I or II is true.
- (d) if neither Conclusion I nor II is true.
- (e) if both Conclusions I and II are true.

**Q33.**

**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 knives are hammers.

No hammer is sword.

Some swords are nails.

**Conclusions:**

I. Some nails are hammers.

II. Some swords are knives.

III. No nail is hammer.

- (a) None follows
- (b) Only either I or III follows
- (c) Only II follows
- (d) Only III follows
- (e) Only I follows

**Q34.**

**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 fruits are trees.

All trees are jungles .

All jungles are roads.

**Conclusions:**

I. All fruits are jungles

II. Some roads are fruits.

III. Some jungles are fruits.

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

**Q35.**

**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 books are pens.

Some pens are desks,

Some desk are racks.

**Conclusions:**

I. Some racks are pens.

II. Some desks are books.

III. Some racks are books.

- (a) Only I follows
- (b) Only II follows
- (c) Only III follows
- (d) None follows

(e) All follow

**Q36.**

**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 room is house.

No house is building.

Some buildings are huts.

**Conclusions :**

I. Some huts are rooms.

II. Some huts are houses.

III. Some huts are buildings.

(a) Only I follows

(b) Only II follows

(c) Only III follows

(d) None follows

(e) All follow

**Q37.**

**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 robots are machines.

Some computers are both robots and machines.

Some animals are machines.

Some toys are animals.

**Conclusions:**

I. Some toys are robots,

II. Some toys are machines.

III. Some animals are computers.

IV. Some robots are not toys.

(a) None follows

(b) Only II and III follow

(c) Only I and III follow

(d) Only III follows

(e) Only either I or IV follow

**Q38.**

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

Seven candidates- Harish, Samir, Nilesh, Shailaja, Nikita, Laxman and Sujata are to be interviewed for selection as Trainee Officers by different panels I to VII for different companies A, B, C, D, E, F and G not necessarily in the same order. Nilesh is interviewed by

panel IV for Company A. Samir is interviewed by panel III but not for company C or D. Harish is interviewed for company B but not by panel I or II. Nikita is interviewed by panel VI for company E. Panel VII conducts the interview for company F. Shailaja is interviewed by panel I but not for company C. Panel II does not interview Laxman.

Shailaja is interviewed for which company ?

(a) A

(b) G

(c) F

(d) D

(e) None of these

**Q39.**

Panel II conducts interview for which company ?

(a) C

(b) F

(c) G

(d) B

(e) None of these

**Q40.**

Who among the following is interviewed for company G ?

(a) Nikita

(b) Samir

(c) Shailaja

(d) Laxman

(e) None of these

**Q41.**

Who among the following is interviewed for company F ?

(a) Shailaja

(b) Sujata

(c) Laxman

(d) Cannot be determined

(e) None of these

**Q42.**

Which candidate is interviewed by panel V ?

(a) Harish

(b) Laxman

(c) Sujata

(d) Shailaja

(e) None of these

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

- (i) In a family of 6 persons, there are two couples.
- (ii) The Lawyer is the head of the family and has only two sons Mukesh and Rakesh both Teachers.
- (iii) Mrs. Reena and her mother-in-law both are Lawyers.
- (iv) Mukesh's life is a Doctor and they have a son, Ajay.

**Q43.**

Which of the following is definitely a couple ?

- (a) Lawyer-Teacher
- (b) Doctor- Lawyer
- (c) Teacher - Teacher
- (d) Cannot be determined
- (e) None of these

**Q44.**

What is the profession of Rakesh's wife ?

- (a) Teacher
- (b) Doctor
- (c) Lawyer
- (d) Cannot be determined
- (e) None of these

**Q45.**

How many male members are there in the family ?

- (a) Two
- (b) Three
- (c) Four
- (d) Cannot be determined
- (e) None of these

**Q46.**

What is/was Ajay's Grandfather's occupation?

- (a) Teacher
- (b) Lawyer
- (c) Doctor
- (d) Cannot be determined
- (e) None of these

**Q47.**

What is the profession of Ajay ?

- (a) Teacher
- (b) lawyer
- (c) Doctor
- (d) Cannot be determined
- (e) None of these

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

P, Q, R, S, T, V and W are sitting around a circle facing at the centre. R is third to the left of V who is second to the

left of T. W is second to the right of P who is not an immediate neighbour of V. S is not an immediate neighbour of W.

**Q48.**

Who is second to the right of R?

- (a) T
- (b) W
- (c) Q
- (d) Data Inadequate
- (e) None of these

**Q49.**

Who is third to the left of P ?

- (a) S
- (b) W
- (c) Q
- (d) Data inadequate
- (e) None of these

**Q50.**

Who is third to the right of Q ?

- (a) T
- (b) P
- (c) S
- (d) Data inadequate
- (e) None of these

**Q51.**

In which of the following pairs is the first person sitting to the immediate right of the second person?

- (a) PR
- (b) PT
- (c) RW
- (d) QV
- (e) None of these

**Q52.**

Which of the following pairs represents the immediate neighbors of R?

- (a) PT
- (b) PQ
- (c) WT
- (d) PW
- (e) Data inadequate

**Directions: Study the following information and answer these questions :**

P, Q, R, S, T, U and V are sitting in a circle facing the centre.

S who is second to the right of R is not to the immediate right of V.

U is not between V and T.

P is between R and Q

**Q53.**

Which of the following is wrong ? (i)T is to the immediate left of R. (ii)Q is to the immediate left of L (iii)U, S and T are in a sequence, one after the other,

- (a) Only (i)
- (b) Only (ii)
- (c) Only (iii)
- (d) Only (i) and (ii)
- (e) All (i), (ii) and (iii)

**Q54.**

Which of the following are the two pairs of adjacent members?

- (a) V S and T R
- (b) SU and PQ
- (c) P R and T Q
- (d) V U and Q R
- (e) None of these

**Q55.**

What is the position of T ?

- (a) To the immediate left of R
- (b) Second to the left of P
- (c) Fourth to the left of U
- (d) Second to the left of V
- (e) None of these

**Q56.**

Which of the following is correct? (i)V is third to the left of R. (ii)U is between S and V (iii)Q is to the immediate left of P

- (a) Only (i)
- (b) Only (ii)
- (c) Only (iii)
- (d) Only (ii) and (iii)
- (e) None of these

**Q57.**

If Q and R interchange places so as T and V, then

- (a) S is third to the right of R
- (b) T is second to the left of R
- (c) Q is fourth to the right of T

(d) V is third to the right of U

(e) None of these

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

A family consists of seven members P, Q, R, S, T, U and V. While one of them is a student, the other six follow different professions of Architect, Lawyer, Professor, Manager, Doctor and Engineer. There are two married couples in the family. P and U are Architect and Doctor respectively. S, the father of Q and the grandfather of V, is an Engineer. No lady in the family is an Engineer or a Lawyer. V, who is a Student, is the grandson of T.

**Q58.**

Which of the following is One of the married couples?

- (a) QR
- (b) QU
- (c) PR
- (d) Data inadequate
- (e) None of these

**Q59.**

How is R related to V?

- (a) Mother
- (b) Aunt
- (c) Sister
- (d) Data inadequate
- (e) None of these

**Q60.**

What is T's profession?

- (a) Professor
- (b) Manager
- (c) Professor or Manager
- (d) Doctor
- (e) None of these

**Q61.**

Point D is 14 m towards the West of Point A. Point B is 4 m towards the South of point D. Point E is 9 m towards the South of point D. Point E is 7 m towards the East of point B. Point C is 4 m towards the North of point E. Point G is 4 m towards the South of point A. A is in which direction with respect to C ?

- (a) East
- (b) West
- (c) North
- (d) South
- (e) Cannot be determined



**Q62.**

If a person walks 5 in towards North from point K and then takes a right turn which of the following points would he reach first ?

- (a) G
- (b) D
- (c) E
- (d) A
- (e) None of these

**Q63.**

**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:**

$E > W, W \leq Q, Q = T, T < H$

**Conclusions:**

I.  $H \geq W$

II.  $H \geq E$

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.
- (c) if either Conclusion I or II is true.
- (d) if neither Conclusion I nor II is true.
- (e) if both Conclusions I and II are true.

**Q64.**

**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:**

$J \leq T, T < H, H > I, I = L$

**Conclusions:**

I.  $L \leq I$

III.  $J \leq I$

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.
- (c) if either Conclusion I or II is true.
- (d) if neither Conclusion I nor II is true.
- (e) if both Conclusions I and II are true.

**Q65.**

**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:**

$R < Q, Q > P, P \leq V, V \geq M$

**Conclusions:**

I.  $R < P$

II.  $R \geq P$

- (a) if only Conclusion I is true.
- (b) if only Conclusion II is true.
- (c) if either Conclusion I or II is true.
- (d) if neither Conclusion I nor II is true.
- (e) if both Conclusions I and II are true.

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

**Direction:** In the following number series, a **wrong number** is given. Find out that **wrong** number.

8 276 4125 218 343

- (a) 27
- (b) 218
- (c) 125
- (d) 343
- (e) None of these

**Q67.**

**Direction:** In the following number series, a **wrong number** is given. Find out that **wrong** number.

80 42 24 13.5 8.75 6.375 5.1875

- (a) 8.75
- (b) 13.5
- (c) 24
- (d) 6.375
- (e) 42

**Q68.**

**Direction:** In the following number series, a **wrong number** is given. Find out that **wrong** number.

850 843 829 808 788 745 703

- (a) 843
- (b) 829
- (c) 808
- (d) 788
- (e) 745

**Q69.**

**Direction:** In the following number series, a **wrong number** is given. Find out that **wrong** number.

1331 2197 3375 4914 6859 9261 12167

- (a)4914
- (b)6859
- (c)9261
- (d)2197
- (e)12167

**Q70.**

**Direction:** In the following number series, a **wrong number** is given. Find out that **wrong** number.

1500 1581 1664 1749 1833 1925 2016

- (a)1581
- (b)1664
- (c)1833
- (d)1925
- (e)1749

**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.  $2x^2 + 11x + 14 = 0$

II.  $4y^2 + 12y + 9 = 0$

- (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

**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.  $x^2 - 4 = 0$

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

- (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

**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.  $x^2 - 7x + 12 = 0$

II.  $y^2 + y - 12 = 0$

- (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

**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.  $x^2 = 729$

II.  $y = \sqrt{729}$

- (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.  $x^4 - 227 = 398$

II.  $y^2 + 321 = 346$

- (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.**

In the year 2013, the population of a village A was 30% more than the population of village B. The population of village A in 2014 increased by 20% as compared to the previous year. If the population of village A in 2014 was 7176, what was the population of village B in 2013 ?

- (a)4000
- (b)5000
- (c)4800
- (d)4600
- (e)5200

**Q77.**

The average weight of boys in a class is 45 kg while that of girls is 36 kg. The average weight of the whole class is

42.25 kg. What is the respective ratio between the number of boys and girls in the class?

- (a) 11 : 25
- (b) 25 : 11
- (c) 25 : 12
- (d) 12 : 25
- (e) None of these

**Q78.**

Giridhar purchased 100 s



arees Rs. 450 per piece. While selling he offered 10% discount on the labelled price and earned a profit of 20%. What was the labelled price of each saree? .

- (a)Rs. 540
- (b)Rs. 650
- (c)Rs. 590
- (d)Rs. 600
- (e) None of these

**Q79.**

The simple interest accrued on an amount of Rs. 2,500 at the end of six years is Rs. 1,875. What would be the simple interest accrued on an amount of Rs. 6,875 at the same rate and same period ?

- (a)Rs. 4556.5
- (b)Rs. 5,025.25
- (c)Rs. 4,895.25
- (d)f 5,245.5
- (e)None of these

**Q80.**

Two cars starts at the same time from A and B which is 120 km apart. If the two cars travel in opposite direction they meet after one hour and if they travel in same direction (from A towards B) then A meet B after 6 hours. What is the speed of car starting from A?

- (a) 70 kmph
- (b) 120 kmph
- (c) 60 kmph

(d) Data inadequate

(e) None of these

**Q81.**

12 men can complete a piece of work In 36 days. 18 women can complete the same piece of work in 60 days. 8 men and 20 women work together for 20 days. If only women were to complete the remaining piece of work In 4 days, how many women would be required?

- (a)70
- (b)28
- (c)66
- (d)40
- (e) None of these

**Q82.**

The area of a rectangular field is 460 square metres. If the length is 15 percent more than the breadth, what is breadth of the rectangular field ?

- (a)15 metres
- (b)26 metres
- (c)34.5 metres
- (d)Cannot be determined
- (e)None of these

**Q83.**

The ratio of the length and- the breadth of a rectangular plot is 6:5 respectively. If the breadth of the plot is 34 metres less than the length, what is the perimeter of the rectangular plot?'

- (a) 374 metres
- (b) 408 metres
- (c) 814 metres
- (d) 748 metres
- (e) None of these

**Q84.**

If four marbles are picked at random, what is the probability that one is green, two are blue and one is red ?

- (a) 4/15
- (b) 17/280
- (c) 6/91
- (d) 11/15
- (e) None of these

**Q85.**

In a vessel there is a certain quantity of mixture of milk and water in the ratio 5 : 1 respectively. 24 litres of

mixture is taken out and same quantity of milk is added to the vessel. The ratio of milk and water now becomes 13 : 2 respectively. Again 15 litres of mixture is taken out. What is the quantity of milk in the resulting mixture? (in litres)

- (a) 85 litres
- (b) 80 litres
- (c) 81 litres
- (d) 91 litres
- (e) None of these

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

In a school of 2500 students, all the students have enrolled for different games viz. hockey, table tennis, badminton, football, cricket, chess and carrom. The respective **ratio** of girls to boys in the school is 3 : 2. 20% of the boys play only cricket. 25% of the girls play table tennis, badminton and carrom only. 26.8% of the boys play only football. The number of girls playing only cricket is 175% of the boys playing the same. The respective **ratio** of girls playing only chess to boys playing only chess is 12 : 11. 25.7% of the boys play hockey, table tennis and carrom only. One fourth of the girls play only badminton. The remaining girls play football and hockey only. The remaining boys play only chess.

**Q86.**

How many students play more than one game ?

- (a) 850
- (b) 862
- (c) 732
- (d) 670
- (e) None of these

**Q87.**

The total number of students playing hockey is what percent of the total number of students in the school ?

- (a) 25.7%
- (b) 10.8%
- (c) 14.28%
- (d) 21.14%
- (e) None of these

**Q88.**

What is the respective ratio of total number of boys playing chess to the total number of girls playing badminton ?

- (a) 11:30
- (b) 13:32
- (c) 9 : 29
- (d) 13 : 29
- (e) None of these

**Q89.**

What is the total number of students playing football, cricket and table tennis ?

- (a) 1300
- (b) 1550
- (c) 1450
- (d) 1650
- (e) None of these

**Q90.**

How many students play carrom ?

- (a) 475
- (b) 600
- (c) 538
- (d) 482
- (e) None of these

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

**PERCENTAGE OF MARKS OBTAINED BY SIX STUDENTS IN DIFFERENT SUBJECTS**

Subject	His	Geo	Math	Sci	Eco	Eng
	50	50	100	75	100	120
A	86	82	77	72	69	66
B	80	74	73	66	76	84
C	68	92	89	78	75	72
D	76	84	83	81	59	60
E	72	66	82	87	62	78
F	84	64	93	63	81	54

Note His - History Geo - Geography Math - Mathematics  
Sci - Science Eco - Economics Eng - English

**Q91.**

What are the average marks obtained by all students in Geography ?

- (a) 41.5
- (b) 42.5
- (c) 38.5
- (d) 39.5
- (e) None of these

**Q92.**

Marks obtained by E in Economics are approximately what percent of the total marks obtained by him in all subjects together ?

- (a) 12%
- (b) 8%
- (c) 10%
- (d) 22%
- (e) 17%

**Q93.**

What is the overall percentage of marks obtained by all the students In English ?

- (a) 83%
- (b) 69%
- (c) 71%
- (d) 81%
- (e) None of these

**Q94.**

What are total marks obtained by D in History, Mathematics, Science and English together ?

- (a) 256.25
- (b) 275.55
- (c) 235.75
- (d) 253.75
- (e) None of these

**Q95.**

What are the total marks obtained by 'B' in all subjects together ?

- (a) 376.3
- (b) 373.6
- (c) 376.6
- (d) 373.3
- (e) None of these

**Q96.**

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

$(24.8\% \text{ of } 1338) - (15.5\% \text{ of } 945) = ?$

- (a) 187.349
- (b) 185.349
- (c) 183.349
- (d) 181.349
- (e) None of these

**Q97.**

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

$(76.32)^2 - (28.82)^2 = ?$

- (a) 5014.25
- (b) 4975
- (c) 4994.15
- (d) 5000
- (e) None of these

**Q98.**

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

$[(45)^3 + (65)^2] \div ? = 1907$

- (a) 80
- (b) 70
- (c) 60
- (d) 50
- (e) None of these

**Q99.**

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

If A's salary is Rs. 10,000 less than B's salary, B's salary is 15,000 less than C's salary and the sum of A, B and C's salary is Rs. 65,000, find the salary of A.

- (a) Rs. 10000
- (b) Rs. 12000
- (c) Rs. 15000
- (d) Rs. 25000
- (e) None of these

**Q100.**

**Directions: What should come in place of the question mark (?) in the following questions?/?/171**

$= 76/?$

- (a) 114
- (b) 116
- (c) 57
- (d) 176
- (e) None of these

**ANSWERS :**

1 b	2 e	3 a	4 a	5 e	6 a
7 e	8 c	9 d	10 b	11 d	12 b
13 c	14 a	15 e	16 c	17 d	18 b
19 e	20 b	21 b	22 d	23 e	24 a
25 c	26 a	27 c	28 d	29 e	30 e
31 c	32 a	33 e	34 d	35 e	36 c
37 a	38 b	39 d	40 c	41 d	42 e

43 a 44 b 45 c 46 d 47 e 48 e  
49 d 50 b 51 a 52 c 53 a 54 b  
55 a 56 e 57 a 58 e 59 b 60 c  
61 d 62 b 63 d 64 c 65 e 66 b  
67 a 68 b 69 d 70 a 71 c 72 d  
73 e 74 e 75 a 76 c 77 d 78 b  
79 a 80 c 81 d 82 e 83 b 84 c  
85 d 86 d 87 d 88 b 89 b 90 c  
91 b 92 d 93 c 94 a 95 d 96 b  
97 c 98 b 99 a 100 b

