

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.

Mankind has seen rapid (___74___) in the last 150 years because Of the mass manufacturing techniques (___75___) in western nations and later taken to new levels of efficiency by Japan. Mass production and production for the masses became the bases of new business strategies. Large scale consumption by all with the social benefit of (___76___) poverty became the dominant economic strategy. The advent of electricity and its large-scale application to lighting, heating and operating machines added a fresh dimension to manufacturing. By the 1950s came (___77___) in electronics and transistor devices to be followed by innovations in microelectronics, computers and various forms of sensors all of which (___78___) altered the manufacturing scene. It is now no longer necessary to make prototypes In a factory or a laboratory to study a new product. Many new products can be (___79___) on computers and their behaviour simulated on them. By choosing an optimum design through such simulations, computer programmes can directly (___80___) the manufacturing processes. These processes are generally called Computer Aided Design (CAD) and Computer Assisted Manufacturing (CAM). These capabilities are leading to newer forms of (___81___) by customers. Each customer can be offered several special options. Customized product design or (___82___) manufacturing are other popular techniques currently in (___83___) in many developed countries.

Q1.

74.

- (a) havoc
- (b) transformation
- (c) destruction
- (d) violence
- (e) deforestation

Q2.

75.

- (a) discarded

- (b)resorted
- (c)indulged
- (d)perfected
- (e) designated

Q3.

76.

- (a)removing
- (b)nurturing
- (c)appeasing
- (d)cajoling
- (e) mastering

Q4.

77.

- (a) additions
- (b) gadgets
- (c)modifications
- (d)variety
- (e)inventions

Q5.

78.

- (a)immediately
- (b)precisely
- (c)irreversibly
- (d)indefinitely
- (e)measurably

Q6.

79.

- (a) designed
- (b) produced
- (c)manufactured
- (d)sold
- (e)purchased

Q7.

80.

- (a)inspire
- (b)cultivate
- (c)visualise
- (d)drive
- (e)curtail

Q8.

81.

- (a) uses
- (b) demands

- (c) advertisements
- (d) consumption
- (e) goods

Q9.

82.

- (a) visible
- (b) secure
- (c) fundamental
- (d) overt
- (e) flexible

Q10.

83.

- (a) view
- (b) wings
- (c) vogue
- (d) isolation
- (e) order

Q11.

Road developers unable (1)/ to complete their projects (2)/ on time will not be (3)/ awarded new ones (4)/ No error (5)

- (a) Road developers unable
- (b) to complete their projects
- (c) on time will not be
- (d) awarded new ones
- (e) No error

Q12.

We have taken on (1)/ the responsibility of (2) / arranging the required training (3) / and supervise the new staff(4)/No error (5)

- (a) We have taken on
- (b) the responsibility of
- (c) arranging the required training
- (d) and supervise the new staff
- (e) No error

Q13.

The government has signed (1)/ a memorandum of understanding with (2) / the company to set up (3)/ a plant in the state (4)/ No error (5)

- (a) The government has signed
- (b) a memorandum of understanding with
- (c) the company to set up
- (d) a plant in the state
- (e) No error

Q14.

Owing the new policy (1)/we feel that the targets (2)/ set for this year (3)/ may not be achieved(4)/ No error (5)

- (a) Owing the new policy
- (b) we feel that the targets
- (c) set for this year
- (d) may not be achieved
- (e) No error

Q15.

Since the lack of (1)/man power we cannot (2)/ conduct the survey (3)/ in rural areas (4)/ No error (5)

- (a) Since the lack of
- (b) man power we cannot
- (c) conduct the survey
- (d) in rural areas
- (e) No error

Q16.

Palm oil is very beneficial (1)/ and is use to (2)/ make products ranging (3)/ from soap to biodiesel (4)/ No error (5)

- (a) Palm oil is very beneficial
- (b) and is use to
- (c) make products ranging
- (d) from soap to biodiesel
- (e) No error

Q17.

There are only (1)/ a few company (2)/ which can handle (3)/ projects of this magnitude (4)/ No error (5)

- (a) There are only
- (b) a few company
- (c) which can handle
- (d) projects of this magnitude
- (e) No error

Directions : Rearrange the following 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) As a result the nonstop tensions and anxieties at work often result in health related problems.
- (B) The truth is we cannot change the world of work.
- (C) We spend at least half our waking hours at work.
- (D) We have therefore to take charge and transform the way in which we respond to our work environment.

(E) So how can we control these problems and perform at work?

(F) However we can change the way we feel and deal with various situations.

Q18.

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

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

Q19.

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

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

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 **FIRST** sentence after rearrangement ?

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

Q22.

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

We have witnessed several disasters in recent times, some natural others man made. The frequency of such calamities has injured us and deadened our collective sensitivity, but that does not reduce the enormity of the personal tragedy of each victim's family and community. The economic loss is only secondary to the human suffering, but is also substantial. The Government whether State or Central has standardized its response. This consists of reacting late, blaming others, visits by VIPs announcing a relief package including compensation for those affected and then forgetting all about it. There seems to be little attempt at drawing lessons from each disaster, storing the knowledge for future use, long term planning for possible preemptive action. Preparedness for disasters thus falls short of what is possible using today's technologies. Floods in many parts of India like the states of Bihar and Assam are a yearly phenomenon. Yet the government, seems to be caught, by surprise year after year. It is obvious that tarpaulins, vaccines, medicines, clothes, satellite phones, large numbers of doctors and paramedical staff etc. will be needed as will boats and buses for evacuation. This is known to all those who have combated emergencies yet the no availability of these essential services and commodities occurs. Worse the organizational structure and mechanisms for dealing with disasters are lethargic and ill defined. The National Disaster Management Agency, set up a short time ago being a central government agency has limitations relating to the jurisdiction of states. It could have aggregated and disseminated experiences and knowledge, stocked many of the essential items required in an emergency or worked with agencies to ensure sufficient stocks, but hasn't. While the reaction to major disasters is dismal, the response to emergencies like accident is equally sad. Victim lie unattended since passersby are way of getting caught in a labyrinthine of police and legal systems. The resulting delay in treatment converts injuries into deaths. Of late, unique and free service to provide assistance in emergency cases is operational. Emergency Management and Research Institute (EMRI) is a professionally managed operation initiated by the vision and grant from Ramalinga Raju. The service, which is a successful example of public private

partnership likely to become operational in a few states in the near future. Given the sad failure of conventional government organizations in handling disasters, it is time we looked at the PPP model as an alternative without the government seeking in any way to abdicate its responsibility. While the state provides the funding, private organizations will provide the drive, professionalism, competent management and output linked efficiency of a good corporate organisation. Combining the sensitivity and purpose of an NGO with private entrepreneurial drive to handle disasters together is thus a worthwhile challenge for both corporate and the government.

Q23.

Why do bystanders not help accident victims ?

- (a) They lack the necessary medical knowledge
- (b) It is the responsibility of the driver of the vehicle.
- (c) They are wary of cumbersome police formalities and legal systems
- (d) Medical attention via satellite phones can be provided promptly
- (e) None of these

Q24.

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

- (a) Man-made disasters occur more frequently than natural disasters.
- (b) The Public Private Participation model has been successful in handling emergencies
- (c) Floods occur every year in some Indian states.
- (d) Analysis of previous disasters will help us cope with future ones
- (e) People have become indifferent to disasters

Q25.

Which of the following has been the customary government reaction to disasters ?

- (A) It has handled disasters with utmost sensitivity.
- (B) It responds in a professional efficient manner which has been standardized over time.
- (C) It ensures monetary aid reaches those afflicted by disasters.
- (a) Only (A)
- (b) Only (B)
- (c) Both (A) and (B)
- (d) Only (C)
- (e) None of these

Q26.

What is the authors view on the government's current reaction to natural disasters ?

- (a) The government has not been able to handle disasters and should seek foreign aid.
- (b) A Central Government agency should be set to speedup coordination in rescue efforts effectively to provide relief.
- (c) The government is apathetic and has not managed to handle disasters effectively
- (d) None of these
- (e) All of these

Q27.

Which of the following is **TRUE** about EMRI ?

- (a) It is run by a philanthropist.
- (b) It has widespread operations all over India.
- (c) The government has no say in its functioning.
- (d) EMRI is a non government organisation.
- (e) It is an emergency management service.

Q28.

Why is there a lack of medical care at disaster sites ?

- (a) Inadequate transportation facilities
- (b) Lack of disaster management training for medical staff
- (c) Loss of medical supplies due to dangerous conditions
- (d) Safety of medical staff due to dangerous conditions
- (e) None of these

Q29.

What does the author consider a worthwhile challenge for both corporate and the government ?

- (a) Governments should gradually transfer disaster management to corporate,
- (b) Their working together to manage disasters completely keeping public interests in mind
- (c) Reducing the incidence of man made disasters
- (d) Mitigating the financial losses sustained during natural disasters
- (e) None of these

Q30.

Which of the following can be inferred about the National Disaster Management Agency ?

- (A) It has substantial experience in dealing with disasters.

(B) It has been successful in sharing information with other disaster management agencies.

(C) It disburses funds to disaster management organizations to procure emergency stocks.

(a) All (A), (B) and (C)

(b) Only (A)

(c) Both (A) and (B)

(d) None of these

(e) All of these

(REASONING ABILITY)

Q31.

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 schools are colleges.

Some colleges are universities.

All universities are Institutes.

All institutes are classes.

Conclusions:

I. Some colleges are classes.

II. All universities are classes.

(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.

Q32.

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 umbrellas are raincoats.

All raincoats are shirts.

No shirt is a blazer.

Some blazers are suits.

Conclusions:

II. Some shirts are umbrellas.

II. Some suits are raincoats.

(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.

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:

Some computers are boards.

Some boards are chalks.

All chalks are bulbs.

No bulb is a tube-light.

Conclusions:

I. Some bulbs are computers.

II. No chalk is a tubelight.

(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.

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:

All doors are floors.

Some floors are tiles.

All tiles are paints.

Some paints are stones.

Conclusions:

I. Some floors are paints.

II. Some doors are tiles.

(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.

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 leaves are petals.

Some petals are flowers.

All flowers are fruits. ;

Some fruits are nuts.

Conclusions:

I. Some nuts are flowers.

II. No nut is flower.

(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.

Direction : Study the following information and answer the questions given below it

Seven members H, I, J, K, L, M and N are working in different cities Ahmedabad, Bangalore, Chennai, Hyderabad, Kolkata, Delhi and Mumbai not necessarily in the same order. Each one has a different mother tongue Tamil, Kannada, Telgu, Hindi, Marathi, Punjabi and Bangla not necessarily in the same order. J works in Bangalore and his mother tongue is not Tamil or Marathi. K's mother tongue is Punjabi and he works in Ahmedabad. L and M do not work in Chennai and none of them has Marathi mother tongue. I works in Hyderabad and his mother tongue is Telgu. The one who works in Delhi has Bangla mother tongue. N works in Mumbai and his mother tongue is Hindi. L does not work in Kolkata.

Q36.

What is his mother tongue ?

(a) Telgu

(b) Hindi

(c) Bangla

(d) Kannada

(e) None of these

Q37.

Who works in Chennai ?

(a) H

(b) L

(c) M

(d) L or M

(e) None of these

Q38.

Which of the following combination is correct ?

(a) Marathi-I- Hyderabad

(b) Tamil-M-Kolkata

(c) Marathi-I-Chennai

(d) Punjabi-K-Delhi

(e) None of these

Q39.

Who works in Delhi ?

(a) H

(b) M

(c) L

(d) K

(e) None of these

Q40.

What is Ms mother tongue ?

(a) Bangla

(b) Marathi

(c) Telgu

(d) Cannot be determined

(e) None of these

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

Four friends Arnrita, Deepa, Smita and Rhea complete their PhD in different number of years. The one who took maximum time took eight years to complete her PhD while the one who took the least time took only three years to complete it. Rhea took more time only than Arnrita and completed her PhD in live years. Smita did not take longer time than Deepa to complete her PhD.

Q41.

How many years did Arnrita take to complete her PhD ?

(a) 8

(b) 3

(c) 4

(d) Either 6 or 7

(e) Cannot be determined

Q42.

How many years did Smita take to complete her PhD ?

(a) 8

(b) 3

(c) 4

(d) 7

(e) Cannot be determined

Q43.

Who amongst the following took the maximum number of years to complete PhD ?

(a) Arnrita

(b) Rhea

- (c)Smita
- (d)Deepa
- (e)Cannot be determined

Q44.

Who amongst the following took the minimum number of years to complete PhD ?

- (a)Amrita
- (b)Rhea
- (c)Smita
- (d)Deepa
- (e)Cannot be determined

Q45.

How many years did Rhea take to complete her PhD ?

- (a)8
- (b)3
- (c)4
- (d)7
- (e) Cannot be determined

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

A, B, C, D, E, F, G and H are sitting around a circle facing at the centre. G is fourth to the right of A who is second to the right of D. E is second to the right of C who is not an immediate neighbor of G or D. B is second to the right of F.

Q46.

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

- (a)EG
- (b)GF
- (c)HE
- (d)BD
- (e) None of these

Q47.

Who is third to the left of H ?

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

Q48.

Who is the second to the right of H?

- (a)E

- (b)G
- (c)F
- (d)Data inadequate
- (e)None of these

Q49.

What is F's position with respect to C?

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

Q50.

Who is to the immediate right of G?

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

Directions - Study the following information and answer the questions that follow :

Twelve persons are sitting in two parallel lines in such a way that there are six persons in each row at equidistance. A, B, C, D, E and F are sitting in row 1 and they face towards east. P, Q, R, S, T and V are sitting in row 2 and they face towards west. One person of one row faces the other person of the other row. P, who is sitting at one of the ends of the row, is second to the right of T. A does not face P or T. A is third to the left of F. There are two persons between Q and V. There is only one person between C and D. C and D do not face P. B is neighbour of C. S, who does not face D, is not the neighbour of Q.

Q51.

Who among the following faces F ?

- (a)Q
- (b)T
- (c)S
- (d)R
- (e)v

Q52.

How many persons are sitting between E and C?

- (a)One
- (b)Two
- (c)Three
- (d)Four

(e)None

Q53.

E is related to R in the same way as B is related to S. On this pattern F is related to

- (a)V
- (b)P
- (c)T
- (d)Q
- (e) None of these

Q54.

Which of the following statements is true about B?

- (a)Q is the neighbour of that person who faces B
- (b)C is not the immediate neighbour of B E is second to the right of B.
- (c)T faces B
- (d)B is second from the left
- (e)end of the row

Q55.

Who are sitting at the ends of the row?

- (a) P, V
- (b) F, A
- (c) D, E
- (d) P, S
- (e) None of these

Q56.

Directions: Study the following information to answer the given questions Point P is 9m towards the East of Point Q. Point R is 5 m towards the South of point P. Point S is 3m towards the West of point R. Point T is 5m towards the North of point S. Point V is 7m towards the South of point S.If a person walks in a straight line for 6m towards west from point R which of the following points would he cross B the first ?

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

Q57.

Directions: Study the following information to answer the given questions Point P is 9m towards the East of Point Q. Point R is 5 m towards the South of point P. Point S is 3m towards the West of point R. Point T is 5m towards the North of point S. Point V is 7m towards the

South of point S.Which of the following points are in a straight line ?

- (a) PRV
- (b)STQ
- (c) P TV
- (d)VTR
- (e) SVT

Q58.

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:

$D > K, K < N, N = F$

Conclusions:

I. $D > N$

II. $F > N$

III. $D \leq N$

- (a)Only II is true
- (b)Only either I or III and II are true
- (c)Only either I or III is true
- (d)Only I and II are true
- (e)None of these

Q59.

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:

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

Conclusions:

I. $H > M$

II. $N > R$

III. $N = R$

- (a)Only I is true
- (b)Only either II or III and I are true .. ,
- (c)Only either II or III is true
- (d)Only III is true
- (e)None of these

Q60.

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:

$$M \leq R, R < T, T = N$$

Conclusions:

I. $N > R$ II $T > M$

III. $N \geq R$

- (a) Only I, and II are true
- (b) Only I and III are true
- (c) Only II and III are true
- (d) All I, II, and III are true
- (e) None of these

Q61.

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:

$$B \geq R, R > K, K < M$$

Conclusions:

I. $M > R$

II. $K < B$ III $K \leq B$

- (a) Only I is true
- (b) Only II is true
- (c) Only III is true
- (d) None is true
- (e) Only II and III are true

Q62.

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:

$$F < D, D > K, K \leq B$$

Conclusions:

I. $B > D$

II. $F < K$

III. $B > F$

- (a) Only I is true
- (b) Only II is true
- (c) Only III is true
- (d) None is true
- (e) Only II and III are true

Q63.

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 pictures are paintings.

All paintings are photographs.

Some photographs are designs.

Some designs are movies.

Conclusions:

I. Some paintings are designs.

II. Some photographs are movies.

- (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.

Q64.

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 tablets are capsules.

All capsules are syrups.

Some syrups are medicines.

All medicines are powders.

Conclusions:

I. Some syrups are powders.

II. Some syrups are tablets.

- (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.

Q65.

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 rooms are flats.

All flats are buildings.

Some buildings are bungalows.

All bungalows are apartments.

Conclusions:

I. Some flats are bungalows.

II. Some apartments are buildings.

- (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.

(QUANTITATIVE APTITUDE)

Q66.

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

3 5 12 38 154 914 4634

- (a) 1636
- (b) 1222
- (c) 1834
- (d) 3312V
- (e) 1488

Q67.

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

4 2.5 3.5 6.5 15.5 41.25 126.75

- (a) 2.5
- (b) 3.5
- (c) 6.5
- (d) 15.5
- (e) 41.25

Q68.

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

4 6 18 49 201 1011

- (a) 1011
- (b) 201
- (c) 18
- (d) 49
- (e) None of these

Q69.

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

484 240 120 57 26.5 11.25 3.625

- (a) 240
- (b) 120
- (c) 57
- (d) 26.5
- (e) 11.25

Q70.

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

5 348 564 689 716 780 788

- (a) 716
- (b) 788
- (c) 348
- (d) 689
- (e) 780

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. $3x + 8x + 4 = 0$

II. $4y^2 - 19y + 12 = 0$

- (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

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. $x^2 + x - 20 = 0$

II. $y^2 - y - 30 = 0$

- (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. $x^2 - 365 = 364$

II. $y - \sqrt{324} = \sqrt{81}$

- (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. $225x^2 - 4 = 0$

II. $\sqrt{225y + 2} = 0$

(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 (43-47) : In the following questions **two equations numbered I and II** are given. you have to solve both the equations and —**Give answer**

I. $5x^2 - 18x + 9 = 0$

II. $20y^2 - 13y + 2 = 0$

(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

Q76.

Vishakha spent Rs. 68, 357 on the renovation for her home Rs. 25,675 on buying music system and the remaining 28% of the total amount she had as cash with her. What was the total amount?

(a) Rs. 94,032

(b) Rs. 36,568

(c) Rs. 1,30,600

(d) Cannot be determined

(e) None of these

Q77.

Samira, Mahira and Kiara rented a set of DVDs at a rent of Rs. 578. If they used it for 8 hours, 12 hours and 14 hours respectively, what is Kiara's share of rent to be paid ?

(a) Rs. 238

(b) Rs. 204

(c) Rs. 192

(d) Rs. 215

(e) None of these

Q78.

The profit earned after selling an article for Rs. 1,516 are the same as loss incurred after selling the article for Rs. 1,112. What is the cost price of the article ?

(a) Rs. 1,314

(b) Rs. 1,343

(c) Rs. 1,414

(d) Rs. 1,434

(e) None of these

Q79.

Mr. Duggal invested Rs. 20,000 with rate of interest at 20 p.c.p.a. The interest was compounded half yearly for first year and in the next year it was compounded yearly. What will be the total interest earned at the end Of two years?

(a) Rs. 8,800

(b) Rs. 9,040

(c) Rs. 8,040

(d) Rs. 9,800

(e) None of these

Q80.

An express train travelled at an average speed of 100 k



m/hr, stopping for 3 minutes after 75 km, A local train travelled at a speed of 50 km/hr, stopping for 1 minute after every 25 km. If the trains began travelling at the same time, how many kms did the local train travel in the time it took the express train to travel 600 km?

(a) 307.5 km

(b) 900 km

(c) 1000 km

(d) 1200 km

(e) None of these

Q81.

28 men can complete a piece of work in 15 days and 15 women can complete the same piece of work in 24 days. What Is the respective ratio between the amount of

work done by 30 men in 1 day and the amount of work done by 18 women in 1 day ?

- (a) 10 : 7
- (b) 3 : 5
- (c) 5:4
- (d) 9 : 5
- (e) None of these

Q82.

A rectangular courtyard 3.78 m long and 5.25 m broad is to be paved exactly with square tiles, all of the same size. The minimum number of such tiles is:

- (a)430
- (b)440
- (c)450
- (d)460
- (e)None of these

Q83.

Height of a cylindrical jar is decreased by 36%. By what percent must the radius be increased so that there is no change in its volume?

- (a)25%
- (b)35%
- (c)36%
- (d) 40%1
- (e)None of these

Q84.

If three marbles are drawn at random, what is the probability that none is green ?

- (a) 3/8
- (b) 273/748
- (c) 30/91
- (d) 41/91
- (e) None of these

Q85.

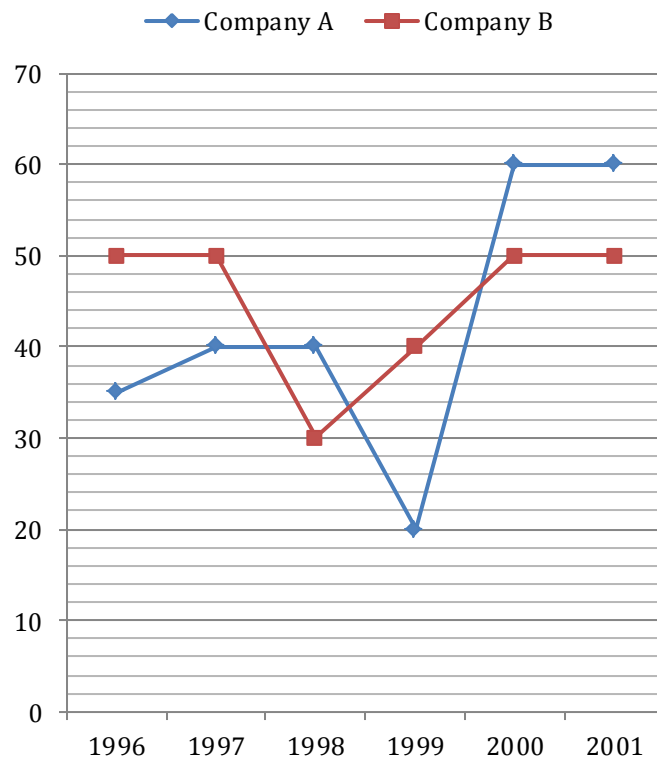
A, B and C started a business by investing Rs. 20,000 Rs. 28,000 and Rs. 36,000 respectively. After 6 months, A and B withdrew an amount of Rs. 8,000 each and C invested an additional amount of Rs. 8,000. All of them invested for equal period of time. If at the end of the year, C got Rs. 12,550 as his share of profit, what was the total profit earned ?

- (a) Rs. 25,100
- (b) Rs, 26,600
- (c) Rs. 24,300
- (d) Rs. 22,960

(e)None of these

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

Percentage rise in Production of two different organisations over the years



Q86.

If the production of Company A in 1996 was 1.66 lakh units, what was the number of units produced by it in 1998 ?

- (a) 265145
- (b) 302535
- (c) 224100
- (d) 314323
- (e) None of these

Q87.

What is the percent increase in percent rise of production of Company B in the year 2000 from the previous year ? (rounded off to two digits after decimal)

- (a) 42.86%
- (b) 15.37%
- (c) 36.62%
- (d) 32.48%
- (e) None of these

Q88.

If Company B produced 6,58,125 units in the year 2000, how many units did it produce in the year 1998 ?

- (a) 4,10,500
- (b) 2,98,000
- (c) 3,25,000
- (d) 4,05,500
- (e) None of these

Q89.

What is the increase in percent rise in production of Company A in the year 2000 from the previous year ?

- (a) 30
- (b) 60
- (c) 20
- (d) 200
- (e) None of these

Q90.

Based on the above graph which of the following statement is definitely true ?

- (a) Company A produced the maximum number of units in the year 2000.
- (b) For Company B there was no increase in production in the year 2001 from the previous year.
- (c) Company A has produced more units than Company B in the year 2000.
- (d) Average per cent rise in production of Company B is more than the average per cent rise in production of Company A.
- (e) All of these

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

PROFILE OF PARLIAMENT IN YEAR XXXX Total Members in Parliament = 640 (490 from Lok Sabha and 150 from Rajya Sabha)

Lok Sabha (No of Members)	Party	Rajya Sabha (No of Members)
280	A	90
180	B	45
30	Others	15
490	Total	150
SEX		
435	Males	120
55	Females	30
RELIGION		
348	Hindus	85
42	Muslims	20
75	Sikhs	35
25	Christians	10
PROFESSION		
300	Graduates	50
45	Business men	19
60	Educators	11
85	Unknown	70

Q91.

What is the approximate percentage of the Muslim members in Lok Sabha ?

- (a) 9%
- (b) 11%
- (c) 13%
- (d) 14%
- (e) 7%

Q92.

In Rajya Sabha if 30 male members were replaced by 30 female members, then what is the ratio of male members to female members respectively ?

- (a) 3 : 1
- (b) 3:2
- (c) 1:3
- (d) 2:3
- (e) 2 : 1

Q93.

What percentage of members in parliament are businessmen ?

- (a) 8%
- (b) 20%
- (c) 30%
- (d) 18%
- (e) 10%

Q94.

If all the 'others' party members of Lok Sabha join the party 'B' 453 then what would be the ratio between members of party 'A' to the members of party 'B' respectively.

- (a) 3:2
- (b) 6 : 5
- (c) 4:3
- (d) 7:6
- (e) 4 : 5

Q95.

Out of total members of party 'B' in parliament, what percentage of the members belong to Rajya Sabha?

- (a) 30%
- (b) 35%
- (c) 25%
- (d) 20%
- (e) 15%:

Q96.

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

How much part of a day is 45 minutes ?

- (a) 1/42
- (b) 1/24
- (c) 1/ 32
- (d) 1/48
- (e) None of these

Q97.

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

$8451 + 793 + 620 - ? = 6065 + 713$

- (a) 4912
- (b) 4712
- (c) 4312
- (d) 4512
- (e) None of these

Q98.

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

$81 + 20 \times 0.75 - 9 = ?$

- (a) 97
- (b) 107
- (c) 87
- (d) 77
- (e) None of these

Q99.

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

$811.81 + 88.11 + 0.88 + 1.88 + 8 = ?$

- (a) 910.68
- (b) 912.56
- (c) 904.88
- (d) 902.67
- (e) None of these

Q100.

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

$22440 \div \sqrt{?} = 34 \times 12$

- (a) 55
- (b) 3136
- (c) 65
- (d) 3025
- (e) None of these

ANSWERS :

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



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