

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.

Visual experiences can (__504__) children, teenagers and even adults learn and absorb more due to its highly stimulating and (__505__) engaging impact. It is for this reason that we are seeing an increase in schools across the globe (__506__) content provider programmes into their class curriculum to (__507__) lessons through video. Visual excursions and school collaborations are (__508__) by advances in high definition video, high fidelity audio and content sharing, allowing students to experience a richer and more stimulating learning experience. Schools that have previously transported students to excursions in (__509__) now face increased transportation costs, higher insurance premiums, attendance costs for the families and strict duty of care policies for students while (__510__) school property. Virtual excursions (__511__) students to improve their presentation, research, learning and speaking skills while they engage in a live learning session. Students also now have the ability to meet peers from many cultures, speak to subjectmatter (__512__) like scientists or authors practise a foreign language with students from another country, and learn about global issues from the (__513__) of their own classrooms.

Q1.

504.

- (a) help
- (b) aiding
- (c) prescribe
- (d) feature
- (e) present

Q2.

505.

- (a) plus
- (b) lonely
- (c) ably
- (d) many
- (e) deeply

Q3.

506.

- (a) incorporating
- (b) pressing
- (c) following
- (d) parting
- (e) leaving

Q4.

507.

- (a) make
- (b) demand
- (c) impart
- (d) vision
- (e) need

Q5.

508.

- (a) dissolved
- (b) enhanced
- (c) measured
- (d) failed
- (e) blasted

Q6.

509.

- (a) deed
- (b) total
- (c) parent
- (d) person
- (e) lieu

Q7.

510.

- (a) involving
- (b) saving
- (c) away
- (d) off
- (e) vacating

Q8.

511.

- (a) let
- (b) enable
- (c) present
- (d) pressure
- (e) collect

Q9.

512.

- (a) clauses
- (b) dictionaries
- (c) books
- (d) experts
- (e) partners

Q10.

513.

- (a) vacancy
- (b) availability
- (c) safety
- (d) comfortable
- (e) gap

Q11.

It has taking almost (1)/ a year for India (2)/ to let its pessimism (3) / translate into fewer jobs, (4)/ No Error (5)

- (a) It has taking almost
- (b) a year for India
- (c) to let its pessimism
- (d) translate into fewer jobs,
- (e) No Error

Q12.

The city needs an airport (1)/ that can efficiently manage (2) / a constantly flow of (3)/ passengers and flights (4)/ No Error (5)

- (a) The city needs an airport
- (b) that can efficiently manage
- (c) a constantly flow of
- (d) passengers and flights
- (e) No Error

Q13.

This group of (1)/ rural achievers is very (2) / different than the (3)/ ones in the past (4)/ No Error (5)

- (a) This group of
- (b) rural achievers is very
- (c) different than the
- (d) ones in the past
- (e) No Error

Q14.

The government has announced (1)/ plans to creating (2)/ one million new (3)/ training places (4)/ No Error (5)

- (a) The government has announced
- (b) plans to creating
- (c) one million new
- (d) training places
- (e) No Error

Q15.

The argument assumes that (1)/ early detection of the disease (2)/ will lead to an immediate drop in (3)/ the mortality rating from this disease (4)/ No Error (5)

- (a) The argument assumes that
- (b) early detection of the disease
- (c) will lead to an immediate drop in
- (d) the mortality rating from this disease
- (e) No Error

Q16.

The two most important numbers (1)/ which the mandarins of an (2)/ economy have to watch (3)/ are inflation and unemployment (4)/ No Error (5)

- (a) The two most important numbers
- (b) which the mandarins of an
- (c) economy have to watch
- (d) are inflation and unemployment
- (e) No Error

Q17.

Witnessed the young soldiers ability (1) / to repeatedly hit bulls eye at (2) / arms training, instructors pushed him (3)/ to participate in the Army marksmanship competition (4)/ No Error (5)

- (a) Witnessed the young soldiers ability
- (b) to repeatedly hit bulls eye at
- (c) arms training, instructors pushed him
- (d) to participate in the Army marksmanship competition
- (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) Expansion of retail banking especially has a lot of scope, since retail assets are just 22 percent of the total banking assets.

(B) Where they do not find it viable to open branches they may open satellite offices in these areas.

(C) There is tremendous scope for the expansion of banking in India.

(D)Banks can also diversify beyond cities to semi urban and rural, areas.

(E)In these ways a transition from class banking to mass banking can take place.

(F)They can also Collaborate with local stakeholders in order to extend microcredit services to those living there

Q18.

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

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

Q19.

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

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

Q20.

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

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

Q21.

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

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

Q22.

Which of the following should be the **SECOND** 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 locale them while answering some of the questions.

India is rushing headlong towards economic success and modernisation, counting on high-tech industries such as information technology and biotechnology to propel the nation to prosperity. India's recent announcement that it would no longer produce unlicensed inexpensive generic pharmaceuticals bowed to the realities of the World Trade Organisation while at the same time challenging the domestic drug industry to compete with the multinational firms. Unfortunately its weak higher education sector constitutes the Achilles heel of this strategy. Its systematic disinvestment in higher education in recent years has yielded neither world-class research nor very many highly trained Scholars, scientists or managers to sustain high-tech development. India's main competitors especially China but also Singapore, Taiwan, and South Korea are investing in large and differentiated higher education systems. They are providing access to large numbers of students at the bottom of the academic system while at the same time building some research based universities that are able to compete with the world's best institutions. The recent London Times Higher Education Supplement ranking of the world's top 200 universities included three in China, three in Hong Kong, three in South Korea, one in Taiwan, and one in India. These countries are positioning themselves for leadership in the knowledgebase economies of the coming era. There was a time when countries could achieve economic success with cheap labour and low-tech manufacturing. Low wages still help, but contemporary large-scale development quires a sophisticated and at least partly knowledgebase economy. India has chosen that path, but will find a major stumbling block in its university system. India has significant advantages in the 21st century knowledge face. It has a large higher education sector the third largest in the world in student numbers, after China and the United States. It uses English as a primary language of higher education and research. It has a long academic tradition. Academic freedom is respected. There are a small number of high quality institutions, departments, and centres that can form the basis of

quality sector in higher education. The fact that the States, rather than the Central Government, exercise major responsibility for higher education creates a rather cumbersome structure, but the system allows for a variety of policies and approaches. Yet the weaknesses far outweigh the strengths. India Educates approximately 10 percent of Its young people in higher education compared with more than half in the major industrialized countries and 15 percent in China. Almost all of the world's academic systems resemble a pyramid, with a small high quality tier at the top and massive sector at the bottom. India has a tiny top tier. None of its universities occupies a solid position at the top. A few of the best universities have some excellent departments and centres, and there are a small number of outstanding undergraduate colleges. The University Grants Commissions recent major support of five universities to build on their recognized, strength is a step toward recognizing differentiated academic system and fostering excellence. These universities, combined, enroll well under 1 percent of the student population.

Q23.

Which of the following is **TRUE** in the context of the passage ?

- (a) The top five universities in India educate more than 10 percent of the Indian student population.
- (b) Indias higher education sector is the largest in the world.
- (c) In the past, countries could progress economically through low manufacturing cost as well as low wages of laborers
- (d) India has recently invested heavy sums in the higher education sector leading to world class research.
- (e) All are true

Q24.

What does the phrase Achilles Heel mean as used in the passage ?

- (a) Weakness
- (b) Quickness
- (c) Low Quality
- (d) Nimbleness
- (e) Advantage

Q25.

Which of the following is are India's strengths in terms of higher education ?

- (A) Its system of higher education allows variations.

(B) Medium of instruction for most higher learning is English.

(C) It has the paraphernalia, albeit small in number, to build a high quality higher educational sector.

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

Q26.

Which of the following are Asian countries, other than India, doing to head towards a knowledge based economy ?

- (A) Building competitive research based universities.
- (B) Investing in diverse higher education systems,
- (C) Providing access to higher education to a select few students.
- (a) Only (A)
- (b) Only (A) and (B)
- (c) Only (B) and (C)
- (d) Only (B)
- (e) All (A), (B) and (C)

Q27.

Which of the following is possibly the most appropriate title for the passage ?

- (a) The Future Of Indian Universities
- (b) Methods Of Overcoming The Educational Deficit in India
- (c) India And The Hunt For A Knowledge Based Economy
- (d) Indian Economy Versus Chinese Economy
- (e) Indian Economy And Its Features

Q28.

What did India agree to do at the behest of the World Trade Organisation ?

- (a) It would stop manufacturing all types of pharmaceuticals
- (b) It would ask its domestic pharmaceutical companies to compete with the international ones.
- (c) It would buy only licensed drugs from USA.
- (d) It would not manufacture cheap common medicines without a license.
- (e) None of these

Q29.

Which of the following is are India's weaknesses when it comes to higher education ?

(A) Indian universities do not have the requisite teaching faculty to cater to the needs of the higher education sector.

(B) Only five Indian universities occupy the top position very strongly, in the academic pyramid, when it comes to higher education.

(C) India has the least percentage of young population taking to higher education as compared to the rest of the comparable countries.

(a) Only (A) and (B)

(b) Only (B)

(c) Only (C)

(d) Only (A) and (C)

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

Q30.

Which of the following, according to the passage, is are needed for economic success of a country?

(A) Cheap labour

(B) Educated employees

(C) Research institutions to cater to development

(a) Only (A) and (B)

(b) Only (B)

(c) Only (C)

(d) Only (B) and (C)

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

(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 lice are slates.

All slates are apples.

No apple is car.

Conclusions:

I.' Some cars are slates.

II. Some lice are cars.

III. Some apples are lice.

IV. No car is lice.

(a) No any conclusion follows

(b) Only II follows

(c) Only III follows

(d) Either II or IV and III follow

(e) None of these

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 books are pens.

All pens are chairs. Some chairs are tables. ,

ConclusionsI. Some books are chairs.

II. Some chairs are books.

III. All tables are chairs.

IV. Some tables are chairs;

(a) All follow

(b) Only I, II, and III follow

(c) Only I, II and IV follow

(d) Only II, III and IV follow

(e) None of these

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 cars are jeeps.

All jeeps are buses.

All buses are trucks.

Conclusions

I. All trucks are buses.

II. All buses are jeeps.

III. All Jeeps are cars.

IV. All cars are trucks.,

(a) None follows

(b) All follow

(c) Only III and IV follow

(d) Only IV follows

(e) None of these

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 trees are flowers.

Some flowers are pencils.
Some pencils are tables.

Conclusions

- I. Some tables are flowers.
- II. Some pencils are trees.
- III. Some tables are trees.
- IV. Some trees are pencils.

- (a) All follow
- (b) None follows ,
- (c) Only I and III follow
- (d) Only II and IV 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

All rods are bricks.
Some bricks are ropes. ,
All ropes are doors.

Conclusions

- I. Some rods are doors.
- II. Some doors are bricks.
- III. Some rods are not doors.
- IV. All doors are ropes.

- (a) Only 1 and II follow
- (b) Only I, II and III follow
- (c) Only either I or III and II follow
- (d) Only either I or III and IV follow
- (e) None of these

Q36.

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 Amrita and completed her PhD in live years. Smita did not take longer time than Deepa to complete her PhD.

How many years did Amrita take to complete her PhD ?

- (a) 8
- (b) 3
- (c) 4
- (d) Either 6 or 7

(e) Cannot be determined

Q37.

How many years did Smita take to complete her PhD ?

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

Q38.

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

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

Q39.

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

Q40.

How many years did Rhea take to complete her PhD ?

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

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.

Q41.

What is his mother tongue ?

- (a) Telugu
- (b) Hindi
- (c) Bangla
- (d) Kannada
- (e) None of these

Q42.

Who works in Chennai ?

- (a) H
- (b) L
- (c) M
- (d) L or M
- (e) None of these

Q43.

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

Q44.

Who works in Delhi ?

- (a) H
- (b) M
- (c) L
- (d) K
- (e) None of these

Q45.

What is Ms mother tongue ?

- (a) Bangla
- (b) Marathi
- (c) Telugu
- (d) Cannot be determined
- (e) None of these

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

Each of the five friends, A, B, C, D and E scored different marks, in an examination. Maximum marks of the examination are 100. B scored more than E but less than C. Only two people scored more than A. E did not

score the minimum marks. The one who scored second highest marks scored 87%. E scored 72% marks.

Q46.

On which of the following floors does T live ?

- (a) 3rd
- (b) 5th
- (c) 1st
- (d) 4th
- (e) Cannot be determined

Q47.

How many people live on the floors above the floor on which P lives?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Cannot be determined

Q48.

How many people scored more than E in the examination?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Cannot be determined

Q49.

Who amongst the following possibly scored 81 % marks?

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

Q50.

Which of the following percentages may correctly represent C's percentage in the exam ?

- (a) 65
- (b) 74
- (c) 87
- (d) 83
- (e) 89

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

Each of the five friends, A, B, C, D and E scored different marks, in an examination. Maximum marks of the examination are 100. B scored more than E but less than C. Only two people scored more than A. E did not score the minimum marks. The one who scored second highest marks scored 87%. E scored 72% marks.

Q51.

On which of the following floors does T live ?

- (a) 3rd
- (b) 5th
- (c) 1st
- (d) 4th
- (e) Cannot be determined

Q52.

How many people live on the floors above the floor on which P lives?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Cannot be determined

Q53.

How many people scored more than E in the examination?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Cannot be determined

Q54.

Who amongst the following possibly scored 81 % marks?

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

Q55.

Which of the following percentages may correctly represent C's percentage in the exam ?

- (a) 65
- (b) 74
- (c) 87

(d) 83

(e) 89

Q56.

Town D is towards East of town F. Town B is towards North of town D. Town H is towards South of town B. Towards which direction is town H from town F ?

- (a) East
- (b) South East
- (c) North East
- (d) Data inadequate
- (e) None of these

Q57.

A man is facing north. He turns 90° in the anticlockwise direction and then 135° in the clockwise direction. Which direction is he facing now?

- (a) Northeast
- (b) Northwest
- (c) Southeast
- (d) Southwest
- (e) United India Insurance Co.

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:

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

Conclusions:

- I. $K > B$
- II. $R < B$
- III. $M \geq R$
- IV. $N < M$
- (a) Only I and III are true
- (b) Only I and II are true
- (c) Only II and IV are true
- (d) Only II, III and IV 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:

$F > H, H = M, M < E, E \geq J$

Conclusions:

I, $J < M$

II. $E > H$

III. $M < F$

IV. $F > E$

(a) Only I and II are true

(b) Only II and III are true

(c) Only I, II and III are true

(d) Only II, III and IV are 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:

$D \leq A, A = B, B < K, K \leq M$

Conclusions:

I. $B \geq D$

II. $K > A$

III. $M > B$

IV. $A < M$

(a) Only I, II and IV are true

(b) Only I, II and III are true

(c) Only II, III and IV are true

(d) Only I, III and IV are true

(e) All I, II, III and IV are true

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:

$A > N, S \geq N, S > W, W \leq R$

Conclusions:

I. $R \geq A$

II. $S > R$

III. $S > A$

IV. $W \leq A$

(a) Only I and II are true

(b) Only II, III and IV are true

(c) None is true

(d) All I, II, III and IV are true

(e) None of these

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:

$D < E, E \leq T, T < C, C < A$

Conclusions:

D < A

II. $C \leq D$

III. $A > E$

IV. $T < A$

(a) Only I, III and IV are true

(b) Only I, II and IV are true

(c) Only I, II and III are true

(d) Only I and III are true

(e) All I, II, III and IV 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

Some books are pens.

Some pens are watches.

All watches are radios.

Conclusions

I., Some radios are watches.

II. Some radios are pens.

III. Some watches are books.

IV. Some books are watches.

(a) All follow

(b) Only I and III follow

(c) Only II and IV follow

(d) Only I and IV follow

(e) None of these

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

All towns are villages.

No village is forest.

Some forests are rivers.

Conclusions

- I. Some forests are villages.
 - II. Some forests are not villages.
 - III. Some rivers are not villages.
 - IV. All villages are towns.
- (a) All follow
(b) Only either I or II follows
(c) Only either I or II and III follow
(d) None follows
(e) None of these

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 :

- All desks are pencils.
- All pencils are windows.
- All windows are doors.
- All doors are walls.

Conclusions:

- I. Some walls are windows.
 - II. All desks are doors.
 - III. Some doors are desks.
 - IV. Some windows are desks.
- (a) Only I, II and III follow
(b) Only II, III and IV follow
(c) Only I, III and IV follow
(d) Only I, II and IV follow
(e) None of these

(QUANTITATIVE APTITUDE)

Q66.

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

- 12 35 81 173 357 (?)
- (a) 725
(b) 715
(c) 726
(d) 736
(e) None of these

Q67.

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

- 120 137 178 222 290 375 477

- (a) 120
(b) 222
(c) 375
(d) 477
(e) 178

Q68.

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

- 120 320 ? 2070 5195 13007.5
- (a) 800
(b) 920
(c) 850
(d) 900
(e) None of these

Q69.

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

- 121 144 190 259 ? 466
- (a) 351
(b) 349
(c) 374
(d) 328
(e) None of these

Q70.

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

- 125 128 119 146 65?
- (a) 308
(b) 316
(c) 298
(d) 294
(e) 264

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. $3x^2 - 10x + 8 = 0$

II. $2y^2 - 11y + 15 = 0$

- (a) $x < y$
(b) $x > y$
(c) $x \geq y$
(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. $x^2 = 25$

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

(a) $x < y$

(b) $x > y$

(c) $x \geq y$

(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. $x^2 = 10$

II. $y^2 - 9y + 20 = 0$

(a) $x < y$

(b) $x > y$

(c) $x \geq y$

(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. $2x^2 - 15x + 27 = 0$

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

(a) $x < y$

(b) $x > y$

(c) $x \geq y$

(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. $9x^2 - 21x + 10 = 0$

II. $y^2 - 8y + 15 = 0$

(a) $x < y$

(b) $x > y$

(c) $x \geq y$

(d) $x \leq y$

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

Q76.

An article was bought for Rs. 12850 and its price was marked at 30% above the cost price. It was sold at a discount of 10% on the marked price. What was the profit per cent on the cost price ?

(a) 16%

(b) 17%

(c) 15%

(d) 186%

(e) None of these

Q77.

B is 8 years older than A and 8 years younger than C. 12 years hence, respective ratio of the ages of A and C will be 5 : 9. What is the sum of present ages of A, B and C ?

(a) 58 years

(b) 46 years

(c) 48 years

(d) 60 years

(e) None of these

Q78.

On a Rs. 10,000 payment order, a person has choice between 3 successive discounts of 10%, 10% and 30%, and 3 successive discounts of 40%, 5% and 5%. By choosing the better one he can save (in Rupees) :

(a) 200

(b) 255

(c) 400

(d) 433

(e) None of these

Q79.

A sum was invested at a certain rate of simple interest for two years. If the sum were invested at 3% more rate of interest, it would have fetched Rs. Rs.2 more. What is the sum ?

(a) Rs. 1000

(b) Rs. 1200

(c) 71150

(d) 71250

(e) None of these

Q80.

Rohan covered $\frac{2}{3}$ rd of a certain distance in 2 hours 30 minutes at the rate of x kmph. He covers the remaining

distance at the rate of $(x+ 2)$ kmph in 50 minutes. What is the total distance?

- (a) 21 km
- (b) 18 km
- (c) 16 km
- (d) 15 km
- (e) 20 km

Q81.

6 men can complete a piece of work in 12 days. 8 women can complete the same piece of work, in 18 days whereas 18 children can complete the piece of work in 10 days, 4 men, 12 women and 20 children work together for 2 days. If only men were to complete the remaining work in 1 day how many men would be required totally ?

- (a) 36
- (b) 24
- (c) 18
- (d) Cannot be determined
- (e) None of these

Q82.

The cost of building a fence around a circular field is Rs. 7, 700 at the rate of Rs. 14 per foot. What is the area of the circular field ?

- (a) 24062.5 sq.ft.
- (b) 23864.4 sq.ft.
- (c) 24644.5 sq.ft.
- (d) Cannot be determined
- (e) None of these

Q83.

A triangle has two of its angles in the ratio of 1 : 2. If the measure of one of its angles is 30 degrees, what is the measure of the largest angle of the triangle in degrees ?

- (a) 100
- (b) 90
- (c) 135
- (d) Cannot be determined
- (e) None of these

Q84.

The circle given below is divided into eight sectors of equal area. What is the probability that the spinner will land on an even-numbered region in each of two consecutive spins?

- (a) 25/10
- (b) 3/8

- (c) 1/4
- (d) 9/64
- (e)

Q85.

37.85% and 92% alcoholic solutions are mixed to get 35 L of an 89% alcoholic solution. How many litres of each solution are there in the new mixture,?

- (a) 10 of the first and 25 of the second
- (b) 20 of the first and 15 of the second
- (c) 15 of the first and 20 of the second
- (d) 25 of first and 10 of second
- (e) None of these

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

There are two companies A and B. Both companies produce all the four different products viz. Computers, Phones, Pen drives, and Compact Discs (CDs). Company A produces a total of 800 products. The respective **ratio** between the total products by Company A and Company B is 4 : 5. 20% of the total products produced by Company B are Pendrives and 40% of them are CDs. 2/5 of the remaining products produced by Company B are Phones. The total number of computers produced by both the companies together is 340. 20% of the total products produced by Company A are CDs. Company A produces equal number of Pen drives and Phones.

Q86.

What is the respective ratio between the number of Pen drives produced by Company A and the number of Computers produced by Company B ?

- (a) 8 : 9
- (b) 9 : 7
- (c) 7 : 9
- (d) 4 : 9
- (e) None of these

Q87.

What is the total number of Phones produced by both the companies together ?

- (a) 430
- (b) 420
- (c) 390
- (d) 530
- (e) None of these

Q88.

Number of Phones produced by Company A is what percent of the total number of products produced by Company B ?

- (a) 25%
- (b) 29%
- (c) 33%
- (d) 37%
- (e) None of these

Q89.

449 What is the average of the number of Pen drives, CDs and Computers produced by Company B?

- (a) 840
- (b) 280
- (c) 270
- (d) 860
- (e) None of these

Q90.

What is the difference between the number of CDs produced by Company B and the number of Computers produced by Company A?

- (a) 200
- (b) 250
- (c) 300
- (d) 350
- (e) None of these

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

Company	Number of units Manufactured (In thousand)	Number of units manufactured (In thousand)
P	35	20
Q	45	30
R	35	25
S	40	35
T	50	40

Q91.

What is the average number (in thousand) of units manufactured by all the companies together ?

- (a) 41
- (b) 40
- (c) 43
- (d) 44
- (e) 46

Q92.

What is the respective ratio between the number of units sold by company S and that sold by company Q ?

- (a) 7 :6
- (b) 1:2
- (c) 1:3
- (d) 3 :1
- (e) None of these

Q93.

862 Which company sold highest percentage of units as compared to manufactured by it ?

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

Q94.

What is the average number of units (in thousand) sold by all the companies together ?

- (a) 25.7
- (b) 30
- (c) 27.7
- (d) 28.8
- (e) None of these

Q95.

What is the respective ratio between the units manufactured by company P and company S ?

- (a) 7:8
- (b) 8 :7
- (c) 3 : 5
- (d) 5 :3
- (e) None of these

Q96.

Raveena could get equal number of Rs. 55, Rs. 85 and Rs. 105 tickets ' for a movie, She spent Rs. 2,940 for all the tickets, How many of each did she buy?

- (a)12
- (b)18
- (c)16
- (d)Cannot be determined
- (e) None of these

Q97.

Harshita bought 20 pens, 8 packets of wax colours, 6 calculators and 7 pencil boxes, The price of one pen is Rs. 7, one packet of wax colour is Rs. 22, one calculator

is Rs. 175 and one pencil box is Rs. 14 more than the combined price of one pen and one packet of wax colours. How much amount did Harshita pay to the shopkeeper ?

- (a) 1381
 (b) 1815
 (c) 1667
 (d) 1572
 (e) None of these

Q98.

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

$$\sqrt[3]{19683} = ? \times 3$$

- (a) 90
 (b) 27
 (c) 3
 (d) 18
 (e) None of these

Q99.

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

$$(1515)^2 = ? \div 1515$$

- (a) 3030
 (b) 2295225
 (c) 4485
 (d) 5115
 (e) None of these

Q100.

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

$$60 = ? \% \text{ of } 400$$

- (a) 6
 (b) 12
 (c) 20
 (d) 15
 (e) None of these

ANSWERS :

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

- | | | | | | |
|------|------|------|-------|------|------|
| 37 c | 38 a | 39 d | 40 a | 41 b | 42 b |
| 43 a | 44 e | 45 d | 46 b | 47 e | 48 b |
| 49 e | 50 a | 51 d | 52 c | 53 b | 54 e |
| 55 a | 56 b | 57 d | 58 c | 59 b | 60 d |
| 61 d | 62 d | 63 a | 64 b | 65 c | 66 d |
| 67 b | 68 a | 69 b | 70 d | 71 e | 72 c |
| 73 a | 74 b | 75 d | 76 b | 77 c | 78 a |
| 79 e | 80 e | 81 b | 82 e | 83 d | 84 b |
| 85 e | 86 e | 87 d | 88 b | 89 c | 90 a |
| 91 c | 92 b | 93 e | 94 c | 95 a | 96 b |
| 97 e | 98 c | 99 e | 100 e | | |

