**Aptitude 35 Questions**

1. The unit Digit in the product (784\*618\*917\*463) is
2. 3 b) 2 c) 4 d) 5
3. Which one of the following number is completely divisible by 45.
4. 181560 b) 331145 c) 202760 d) 2033550
5. The LCM of 22, 54, 108, 135 and 198 is

a) 330 b) 1980 c) 5940 d) 11880

4. The G.C.D. of 1.08, 0.36 and 0.9 is:

a) 0.03 b) 0.9 c) 0.18 d) 0.108

5. The average of 50 numbers is 30. If two numbers 40 and 35 are discarded, then the

average of remaining numbers is

a) 28.32 b) 29.68 c) 28.78 d) 29.72

6. The average of a non zero number and its square is 5 times the number. The number is

a) 9 b) 6 c) 17 d) 29

1. Abhi’s age after six 6 years will be three-seventh of his father’s age. Ten years ago, the ration of their ages was 1:5. What is Abhi’s father age at present.

a) 48 b) 50 c) 55 d) 65

8. At present, the ratio the ages of Anil and Sunil is 4:3. After 6 years, Anil’s age will be 26 years.

What is the age of Sunil at present

a) 12 years b) 15 years c) 19 years d) 21 years

9. The difference between 78% of a number and 59% of the same number is 323. What is 62% of

that number?

1. 1054 b) 1178 c) 1037 d) 1159

10. Due to an increase of 30% in the price of eggs, 6 eggs less are available for Rs. 7.80. The present

rate of eggs per dozen is

1. 5.50 b) 4.68 c) 6.49 d) 3.58

11. If a book is sold for Rs.120, there is a loss of 15%. For a profit of 2%, the watch is to be

sold for

a) 144 b) 175 c) 185 d) 165

12. A merchant has 1000kg of sugar, part of which he sells at 8% profit and the rest at 18% profit. He

gains 14% on the whole. The quantity sold at 18% profit is

a) 500kg b) 600kg c) 400kg d) 640kg

13. 3 men can do a piece of work in 18 days. 6 boys can do the same work in 18 days. In how many

days, 4 men and 4 boys together will finish the work?

1. 10 b) 6 c) 12 d) 9

14. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it

for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be

paid to C?

a) 400 b) 800 c) 200 d) None of these

15. A shopkeeper purchased 70kg of potatoes for Rs. 420 and sold the whole lot at the rate

of Rs. 6.50 per kg. What will be his gain percent?

1. 8.1% b) 8.5% c) 8.33% d) 8.8 %

16. A motor car starts with speed of 70km/hr with its speed increasing every two hours by

10kmph. In how many hours will it cover 345 kms?

a) 4hr 5 min b) 9/2 hrs c) 4 hrs d) None of these

17. In how many years sum of money is tripled at 10% per annum

a) 20 b) 21 c) 25 d) None of these

18. Find CI on Rs.10000 at 2% p.a for 2years, compounded half yearly.

a) 824 b) 824.32 c) 825 d) None of these

19. If SI on a sum of money at 5% per annum for 3 years is Rs.1200, Find CI on same sum at

same rate for same period, compounded annually.

a) 1261 b) 1201 c) 2110 d) None of these

20. If [p/q]n-1 = [q/p]n-3 then the value of n is

1. ½ b) 7/2 c) 1 d) 2

21. If 2n+4 – 2n+2 = 3, then n is equal to

a) 0 b) 2 c) -2 d) -1

22. (18)3.5/(27)3.5 \* (6)3.5  = 2x , then x is

a) 3.5 b) 4.5 c) 7.5 d) 7

23. A certain number is divide into two parts such that 5 times the first part added to 11 times the second part

makes 7 times the whole. The ratio of the first to second part is

1. 2:1 b) 5:11 c) 1:2 d) 2:3

24. If P:Q=8:15 and Q:R=3:2 thn find P:Q:R

1. 8:15:7 b) 7:15:8 c) 8:15:10 d) 10:15:8

25. What is sum of money is to be divided among 3 persons in the ratio 3:4:7, so that the second person

receives Rs.12?

1. 21 b) 32 c) 9 d) 42

26. If 4a=5b and 7b=9c, then a:b:c is equal to

1. 45:36:28 b) 44:33:28 c) 28:36:45 d) 36:28:45

27. An accurate clock shows 8 o'clock in the morning. Through how may degrees will the hour

hand rotate when the clock shows 2 o'clock in the afternoon?

a) 1440 b) 1500 c) 1800 d) None of these

28. Angle between the hour hand and the minute hand of a clock when the time is 3:25.

a) 92/10 b) 92/20 c) 95/20 d) None of these

29 . It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

a) Sunday b) Monday c) Tuesday d) Friday

30. If the cost of 15 eggs is Rs.75, then find out the cost of 4 dozens eggs.

1. 240 b) 300 c) 150 d) 185

31. 2000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and

the food lasted for 25 days. How many soldiers were transferred?

1. 400 b) 450 c) 525 d) 500

32. 3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day must 4

pumps work to empty the tank in 1 day?

a) 09 b) 10 c) 11 d) 12

33. A tank is filled in 5 hrs by three pipes A,B & C. The pipe C is twice as fast as B and B is twice fast as A.

How much time will pipe A alone take to fill the tank.

a) 20 b) 35 c) 30 d) 15

34. An electric pump can fill a tank in 3hrs. Because of leak in the tank it took 3.5hrs to fill the tank. If

the tank is full, how much time will the leak take to empty it.

a) 22 b) 12 c) 14 d) 21

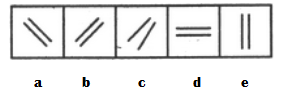
35. Two pipes A & B can fill a tank in 36hours & 45hours. If both the pipes are opened

simultaneously , how much time will be taken to fill the tank?

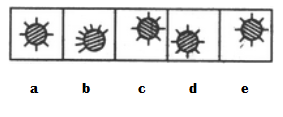
a) 16 b) 20 c) 23 d) 28

**LOGICAL REASONING**

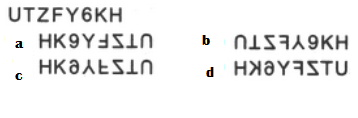
1) Choose the figure which is different from the rest.



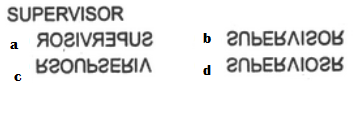
2) Choose the figure which is different from the rest.



3) Choose the alternative which is closely resembles the mirror image of the given combination.



4) Choose the alternative which is closely resembles the mirror image of the given combination.



5) Rasik walked 20 m towards north. Then he turned right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Finally he turns left and walks 15 m. In which direction and how many metres is he from the starting position?

a)15 m West b)30 m East c) 30 m West d) 45 m East

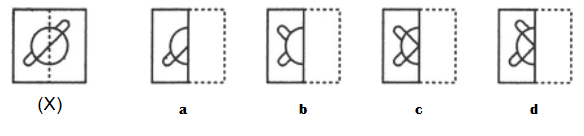
6) A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

a)West b)South c) North-East d) South-West

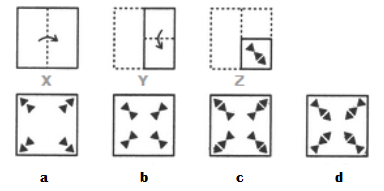
7) If ‘+’ and ‘-’ signs are interchanged, similarly ‘x’ and ‘÷’ are interchanged, then the value of the equation 10 – 2 + 12 x 1 ÷ 0 is

a)1 b)0 c)8 d)12

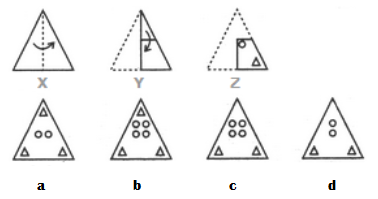
8) Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line in fig X.



9) Choose a figure which would most closely resemble the unfolded form of Figure (Z).



10) Choose a figure which would most closely resemble the unfolded form of Figure (Z).



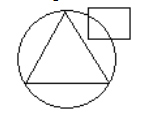
11) Prasanna said, “This girl is the wife of the grandson of my mother.” Who is Prasanna to the girl?

a) Husband b)Father c)Father–in–law d)Grandfather

12) Pointing to a man in a photograph. Asha said. “His mothers only daughter is my mother”. How is Asha related to that man?

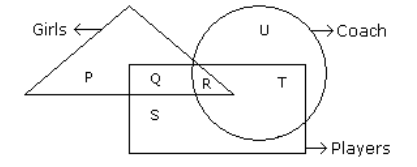
a) Wife b)Sister c)Niece d)Nephew

13) In an organization of pollution control board, engineers are represented by a circle, legal experts by a square and environmentalist by a triangle. Who is most represented in the board as shown in the following figure ?



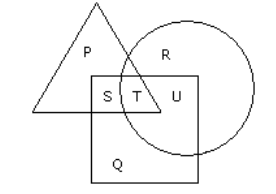
a)Environmentalists b)Legal Experts c)Engineers with legal background d)Environmentalists with Engineering background

14) In the following figure triangle represents 'girls', square players and circle-coach. Which part of the diagram represents the girls who are player but not coach?



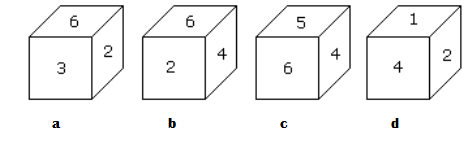
a)P b)Q c)R d)S

15) In the figure given below, square represents doctors, triangle represents ladies and circle represents surgeon. By which letter the ladies who doctor and surgeon both are represented ?

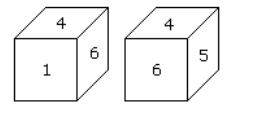


a)U b)T c)S d)P

16) Which number is on the face opposite to 6?

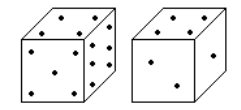


18) Two positions of a dice are shown below. When number '1' is on the top. What number will be at the bottom?



a)3 b)5 c)2 d)6

19) Here two positions of dice are shown. If there are two dots in the bottom, then how many dots will be on the top?



a)2 b)3 c)5 d)6

20) A train always has

a)Rails b)Driver c)Guard d)Engine

21) All hives are shells

No shell is house

Conclusions

1. No hive is house
2. Some house is shell
3. Only conclusion I follows. c) Either conclusion I or II follows
4. Only conclusion II follows d) Neither conclusion I nor II follows

22) All xivs are trax

All trax are fnix

Conclusions

1. All trax are xivs
2. All xivs are fnix
3. Only conclusion I follows. c) Either conclusion I or II follows
4. Only conclusion II follows d) Neither conclusion I nor II follows

*Direction Questions (23-24): Read the following information carefully and the questions associated with it:*

A, B, C, D, E, F and G are sitting around a circle and are facing the centre. G is second to the left of C, who is to the immediate left of F. A is third to the left of E. B is between D and E.

23) Which of the following is the position of F?

1. Fourth to the right of D. b) To the immediately left of C.

c) Between A and E. d) None of these.

24) Which of the following has the first person sitting to the immediate left of the second person?

1. BE b) CA c) GD d) DG

25) A is the sister of B, B is the brother of C, C is the son of D. How is D related to A?

1. Mother b) Daughter c) Father d) Cannot be determined

26) A man walks 20 metres East, then further 10 meters West and further 5 metres North. Then he walks 15 metres towards East. What is the distance between his starting point and the terminating point?

1. 0 metres b) 5 metres c) 10 metres d) 20 metres

27) DHL, PTX, BFJ, ?

1. NRV b) RVZ c) CGK d) KOS

28) 22,24,28,?,52,84

1. 46 b) 36 c) 38 d) 42

29) 5 : 100 :: 7 : ?

a)91 b)98 c)49 d)196

30) 16 : 22 :: 36 : ?

a)44 b)26 c) 24 d)46

**Professional English**

Directions for questions 66 to 70: Read the following passage and answer the questions that follow.

When we think of Parsis, we think of dhanshak and wedding feasts. Yet, at the heart of the community is faith; for this Indian minority sprang from the do or die bid to save their ancient religion, Zoroastrianism. The term ‘Parsi’ refers to an ethnic group and not a religion. It refers to the descendants of the original band of Persian refugees who fled from the Arab conquest of their homeland, and arrived on the shores of Gujarat in the 8th century. Their holiest site lies in the nondescript, Gujarat seaside town of Udvada. It is the throne of Iranshah fire. This temple ensconced in a crumbling Parsi enclave,is merely 261 years old, but history and belief assure us that the fire in its inner sanctum has been burning continuously for some 1,280 years. The Parsis were a handful of aliens arriving on foreign shores with the mission of preserving their faith. For years, it was kept hidden in the caves of the Barhot hills, then it was shifted to tiny Vansda and finally the Iranshah came to Navsari, a small town in Gujarat. Deeply venerated, it remained here for 250 years, bestowing blessings on its people. Navsari flourished as the seat of learning and of entrepreneurship. The Parsis were predominantly an agrarian community and filled their coffers with forest produce especially of timber and toddy before the East India Company drew them into trading.

66. Zoroastrianism is:

A. a minority group in India. B. an ancient religion.

C. a band of refugees from Persia. D. A band of refugees from Arabia.

67. In the context of the passage, which of the following is true?

A. Parsis are an ethnic group. B. Parsis are a religious group.

C. Parsis are refugees in Persia. D. Parsis are a band of Arabs.

68. Which of the following is incorrect according to the passage?

A. The Iranshah fire is worshipped by the Parsis.

B. The Barhot hills served as a hiding place for the Iranshah.

C. Udvada is a non-describable town in Gujarat.

D. Dhanshak is a famous Parsi dish.

69. The Parsis initially kept the holy fire hidden in:

A. Navsari B. Barhot hills

C. Udvada D. Persia

70. The Parsis were an:

A. agrarian community B. aggressive community

C. egalitarian community D. industrial community

Directions for questions 71 & 72: In each of these questions, two words are given which are related to each other in a certain manner followed by a single word. Find out a word among the options which has a similar relationship with the single word.

1. Donkey:Bray::Sheep:?
2. Squeak b. Bleat c. Mew d. Roar
3. Man:Walk:::Baby:?
4. Slide b. Toddle c.Glide d. Creep.

Directions for question 73: Find the Odd Man Out.

1. a. Advice b. Counsel c. Suggest d. Direct.

Directions for question 74: Choose the Correct Spelling.

1. a. Abolishion b. Aboletion c. Aboleshion d. Abolition.

Directions for question 75: Add suitable Question Tag.

1. It is not a fatal mistake,\_\_\_\_\_\_\_

a. Wasn’t it? b. isn’t it? c. is it? d. hasn’t it?

Directions for question 76: A part of the following sentence is underlined. Beneath the sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative from among the four.

76.The new government also provides 100 crores to finance infrastructure projects and for development work.

* 1. also provides 100 crores to finance infrastructure projects and for development work.
  2. also provides 100 crores to finance infrastructure projects and to carry out development work.
  3. also provides 100 crores in order to finance infrastructure projects and for development work.
  4. also provides 100 crores for financing infrastructure projects and to carry out development work.

Directions for question 77: In the following question, four different ways of phrasing a particular sentence are given. Choose the best alternative from among the four.

77.

A)The poodle ran into the alley which was mine.

1. The poodle which was mine ran into the alley.
2. The alley ran into the poodle which was mine.

D) The mine ran into the alley which was the poodle.

Directions for question 78: A part of the following sentence is underlined. Beneath the sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative from among the four.

78. Shouting at the top of his voice, everyone’s attention was diverted.

A)everyone’s attention was diverted.

B)he diverted everyone’s attention.

C)She diverted everyone’s attention.

D)She diverted everyone’s attention.

Directions for questions 79 & 80: Fill in the blanks with the correct options.

79. The economic implications of the digital revolution \_\_\_\_\_\_ far beyond the software industry.

1. extends b. are way c. swag d. extend

80.Questions will be answered by a \_\_\_\_\_\_\_\_ of experts.

1. Staff b. panel c. bunch d. band

Directions for questions 81 & 82: Choose the word which best expresses the meaning of the given statement

81.That which cannot be heard

1. audible b. inaudible c. blind d. lunatic.

82.Sharing the same views or opinions and being in harmony or accord.

1. Anonymous b. obsolete c. unanimous d. Confession.

.

Directions for questions 83 & 84: The questions below consist of a capital word followed by four options. Choose the option that is CLOSEST (Synonyms) in meaning to the capitalized word.

83.MEDDLE

* 1. Disregard b. interfere c. Overlook d. free

1. CARCASS
   1. Mind b. association c. Soul d. dead body

Directions for questions 85 & 86: The questions below consist of a capital word followed by four options. Choose the option that is most nearly OPPOSITE in meaning to the capitalized word.

1. FANTASTIC
   1. Illusion b. real c. wonderful d. new
2. WHOLESOME

a. robust b. rough c. weak d. complete

Directions for question 87: The following sentence consists of underlined parts marked A, B, C and D. One of these parts may contain a Tense error. If there is no error, mark ‘E(no error) as your answer.

1. The man disappeared after he has committed a murder in a running train. No Error.

A B C D E

Directions for question 88: Fill in the blank with an appropriate article.

1. \_\_\_\_\_ honest man is the noblest work of God.
   1. A b. An c. The d. No Article needed

Directions for question 89: The sentences given in the following question when properly sequenced form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of sentence from among the given choices to construct a coherent paragraph.

89. A)The Arabs brought gold and precious stones with them and wanted timber and spices in exchange.

B)That was the coming of merchants from Arabia on daring voyages across the sea to Kozhikode, his capital city.

C)The king saw the advantage of allowing the rich Arab merchants to trade in his kingdom

D)The kingdom had a stroke of good fortune early in Rajavarman’s reign.

E)He offered them special terms and gave them free land to build warehouses.

a. DBACE b. BDACE c. EDBAC d. ABCDE

Directions for question 90: Classify the set of statements below into Fact, Inference or Judgement.

90.1.Everest is the tallest mountain in the world.

2.It’s also the most challenging climb in the world.

3.Each nation that has conquered Everest has planted its flags at the summit.

a. IFJ b. FFF c. FJJ d. FJF

Directions for question 91: The following question has a set of three statements. Each statement has three segments. Choose the alternative where the third segment in the statement can be logically deduced using both the preceding two but not just one of them.

91. A)All wines are expensive. All expensive things are exclusive. Some exclusive things are not wine.

B)Some oranges are tangerines. No tangerines are tamarinds. Some oranges are not tamarinds.

C)Some convicted are not offenders. All offenders are guilty. Some guilty are not convicted.

a. A&B b. B Only c. B&C d. None of these

Directions for question 92: The following question has a statement followed by three assumptions. You have to decide whether the assumptions are implicit in the statement.

92.Migraines, more than any other type of headache, seem to run in families.

1. Migrane is a type of headache.
2. Migrane seems to be heredity.
3. Migrane runs in families.

a. Only I. is implicit b. Only II. is implicit c. Both I. and II are implicit d. All are implicit.

Directions for question 93: The following statement is followed by two arguments. Identify the strong argument(s).

Mark (A) if only argument I is strong.

Mark (B) if only argument II is strong.

Mark ( C) if neither I nor II is strong.

Mark (D) if both I and II are strong.

1. All government owned enterprises should be privatized.
2. Yes: Privatization yields greater profits as it focuses on efficiency of production.
3. No: Some government owned enterprises have been able to prioritize quality over profit making.
4. A B) B C) C D) D

Directions for question Given below are two statements I and II.

A) Mark ( A) if statement I is the cause and statement II is the effect.

B) Mark (B) if statement II is the cause and statement I is the effect.

C) Mark ( C) if statement if both A and B are unrelated.

94.I.Mumbai lies on the coast.

II.The climate in Mumbai is very humid.

1. A B) B C)C D)D

Directions for question 95: A statement is followed by two courses of action A and B.

A) Mark (A) if only A should be the course of action.

1. Mark ( B) if only B should be the course of action.
2. Mark ( C) if A should be followed by B as the course of action.
3. Mark( D) if B should be followed by A as the course of action.

95.Harry’s car broke down while he was on his way to catch a Delhi bound flight.

1. Harry should get the car repaired.
2. Harry should call the airport to check whether tickets are available for the next flight.
3. A B) B C) C D) D

Directions for questions 96 &97: A phrase is followed by four idioms. Choose the idiom that expresses the meaning of the phrase most appropriately.

96.To avoid talking about things that have caused problems in the past

a. Hold your tongue b. Let sleeping dogs lie c. Put your foot down

d. Do a slow burn

97. Tell the truth about something even if it is not polite or pleasant.

a. Call a spade a spade b.Pull the strings c. Pull your socks up

d. To rain cats and dogs

Directions for questions 98 &99 : Identify the part of the sentence that has a subject verb agreement error.

98. Each of the students were handed over a prize.

A B C D

99.The timing of these strikes were poorly planned by the union

A B C D

Directions for question 100: Choose the correct phrasal verb in the context of the sentence.

1. As soon as you make your final payments we will \_\_\_\_\_\_ the keys of your new flat.

a. Hand over b. Hand Back c. Hand out d. Hand in

**KEY ANSWERS :**

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