

## **SAMPLE QUESTIONS – INDICATIVE ONLY**

### PASSAGE-A

A leading Indian industrialist in a recent article on ways to strengthen India's economy has drawn attention to the problems of inflation and industrial sickness among other things. One of the main reasons for industrial sickness in our country has been the fact that business and industrial managers have not been able to look beyond the immediate future. They have been too preoccupied with their attempts to report favorable results for the current year's higher profits and larger dividends to the share-holders. The planning horizon has hardly ever exceeded five years. Investments have been inadequate for new planes and towards diversification and expansions/modernization and assets creation has seriously lagged behind. In business, growth is needed for survival; one has to grow if one does not want to be wiped out. This is particularly true today with liberalization of imports and increasing competition. Moreover growth and higher productivity create employment and higher employment creates larger markets both for industrial and consumer products. It was Henry Ford who brought home the need for the creation of a larger and a more stable middle class, that is, a larger number of people who can afford more and more of goods and services. Even after more than forty years of independence our industrialists have not been able to shed the petty shopkeeper's mentality and our highly educated management has tagged along merrily and without concern.

1. The leading industrialist attributes industrial sickness mainly to
  - (a) lack of foresight among managers.
  - (b) Preoccupation of managers with matters unrelated to business.
  - (c) Higher profits and larger dividends to shareholders.
  - (d) Inflation and other economic problems.
2. According to the passage growth and increasing productivity lead to
  - (a) Employment and thus provide an outlet to industrial and consumer products.
  - (b) Imposition of restrictions on imports.
  - (c) Encouragement to export of excess consumer goods.
  - (d) Disproportionate surplus of commodities.
3. According to the passage, the new gains pursued by managers are at the cost of
  - (a) Liberalization of imports and increasing competition.
  - (b) Availability of markets and industrial and consumer products.
  - (c) Inflation and industrial sickness.
  - (d) Diversification, modernization and asset creation.
4. Which of the following shortcoming of Indian industrialists has been highlighted by the author of the passage?
  - (a) They invest unreasonable high amount on diversification and expansion.
  - (b) They are more concerned for immediate net gains than for developmental activities.
  - (c) They are reluctant to maintain the shopkeeper mentality.
  - (d) They are less concerned for the payment of dividends to shareholders.

5. In order to improve the condition of Indian industries, the industrialists should do all of the following except
- Adopting strategies for diversification and modernization.
  - Resorting to long-term planning for industrial growth and expansion in diverse fields.
  - Encouraging competition from industrialists within the country and from abroad.
  - Striving to earn long term profits.
6. By how much is two third of 57 more than one third of 90?
- 8
  - 38
  - 30
  - 28
7. A can do a piece of work in 30 days while B alone can do it in 40 days. In how many days can A and B working together do it?
- $17 \frac{1}{7}$
  - $27 \frac{1}{7}$
  - $42 \frac{3}{4}$
  - 70
8. If  $\frac{a}{3} = \frac{b}{4} = \frac{c}{7}$ , then  $\frac{a+b+c}{c}$  is equal to :
- 7
  - 2
  - $\frac{1}{2}$
  - $\frac{1}{7}$
9. 63% of  $3 \frac{4}{7}$  is:
- 2.25
  - 2.40
  - 2.50
  - 2.75
10. A wheel rotates 10 times every minute and move 20 cm during each rotation. How many cms does the wheel move in 1 hour?
- 2000
  - 600
  - 1200
  - 12000
11. Find the next number in the following series:  
2, 3, 5, 9, 17-----
- 33
  - 34
  - 35
  - 36
12. In the following question, a related pair of words is given in CAPITAL letters followed by four lettered pair of words. Select the pair that best expresses a relationship similar to that expressed in the original pair.
- THIRST : PARCH
- Fever : flush
  - Water : sink
  - Hunger : strangle
  - Laughter : appease
13. In the following question, choose the appropriate alternative to fill in the blanks:
- She may not come, but we'll get ready in case she\_\_\_\_\_.
- Will
  - is
  - may
  - does

In the questions (14 – 18), identify the word which is spelt wrongly:

14. (a) supercilious (b) parliament (c) benefactor (d) testament
15. (a) elaborate (b) thoroughness (c) therapy (d) instability
16. (a) situation (b) manifest (c) committee (d) pituitary
17. (a) twelfth (b) programmed (c) cunning (d) embarrassment
18. (a) carer (b) trumpery (c) scientific (d) sonorous
19. Four-fifth of a certain number is 64. Half of that number is:  
(a) 16 (b) 32 (c) 40 (d) 80
20. The perimeter of a rectangular field is 480 meters and the ratio between the length and breadth is 5:3. The area of the field is:  
(a) 7200 m<sup>2</sup> (b) 1500 m<sup>2</sup> (c) 13500 m<sup>2</sup> (d) 54000 m<sup>2</sup>
21.  $31/10 \times 3/10 + 7/5 - 20$  is equal to:  
(a) 0 (b) 1 (c) 100 (d) 107/200
22. A car takes 6 hours to cover a journey at a speed of 45kmph. At what speed must it travel in order to complete the journey in 5 hours?  
(a) 55km/hr (b) 54 km/hr (c) 53 km/hr (d) 52 km/hr

For answering questions 23 to 27, read the following information:

There are four tellers-A, B, C and D-working at a bank, which is open from Monday through Friday. Each teller works according to the following rules:

On Mondays, only A or B works.

On Tuesday, B works alone or with one of the other tellers, but not A.

On Wednesdays, C works alone or with one of the other tellers.

On Thursday, two tellers work together, but B is not one of them.

On Fridays, three tellers work together.

23. B must work on which of the following days?  
(a) Monday (b) Tuesday (c) Wednesday (d) Thursday
24. If only B and D are working on a certain day, which day must it be?

- (a) Monday      (b) Tuesday      (c) Wednesday      (d) Thursday

25. If only one teller is working on a particular day, which of the following must be true?

- (a) The day is Monday or Tuesday  
(b) The day is Monday, Tuesday or Wednesday  
(c) The day is Tuesday, Wednesday or Thursday  
(d) The day is Tuesday, Thursday or Friday

26. If we know that D is working on a particular day but don't know whether anyone else is working on that day, it could be all of the following EXCEPT

- (a) Monday      (b) Tuesday      (c) Wednesday      (d) Friday

27. If two tellers are working on a particular day, and neither of them is C, which of the following must be true?

- (a) It is Monday or Tuesday  
(b) It is Tuesday or Wednesday  
(c) It is Tuesday or Thursday  
(d) It is Wednesday or Friday

28. Madhuri had 85 currency notes in all, some of which are of Rs. 100 denomination and the remaining of Rs. 50 denomination. The total amount of all these currency notes was Rs. 5000. How much amount (in Rs) did she have in the denomination of Rs. 50?

- (a) 3500      (b) 70      (c) 1500      (d) None of these

29. The value of  $(9^2 \times 18^4) \cdot 3^{-16}$  is

- (a)  $\frac{2}{3}$       (b)  $\frac{4}{9}$       (c)  $\frac{16}{81}$       (d)  $\frac{32}{243}$

30. By selling an article for Rs.19.50, a dealer makes a profit of 30%. By how much should he increase his selling price so as to make a profit of 40% ?

- (a) Rs.1.50      (b) Rs.1.75      (c) Rs.2      (d) Rs.3

31. In a library, 20% books are in Hindi, 50% of the remaining are in English and the remaining 9000 are in various other languages? What is the total number of books in English?

- (a) 4000      (b) 3000      (c) 2250      (d) none of these

32. If  $2x+4-2x+2=3$ , then x is equal to:

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

33. If  $(64)^2 - (3)^2 = 20z$ , the value of z is:

- (a) 70                      (b) 180                      (c) 120                      (d) none of these

34. The ratio of Vimal's age and Aruna's age is 3:5 and the sum of their ages is 80 years. The ratio of their ages after 10 years will be:

- (a) 2 : 3                      (b) 1 : 2                      (c) 3 : 2                      (d) 3 : 5

35. A, B and C invest Rs. 20000, Rs. 30000 and Rs. 40000 respectively in a business. After one year, A withdrew his money but B and C continued for one more year. If the net profit after 2 years is Rs. 32000, then A's share in the profit is:

- (a) Rs. 4000                      (b) Rs. 6000                      (c) Rs. 8000                      (d) Rs. 10000

36. The length of rectangle is twice its breadth. If its length is decreased by 5 cm and breadth is increased by 5 cm, the area of the rectangle is increased by 75 sq. cm. The length of the rectangle is:

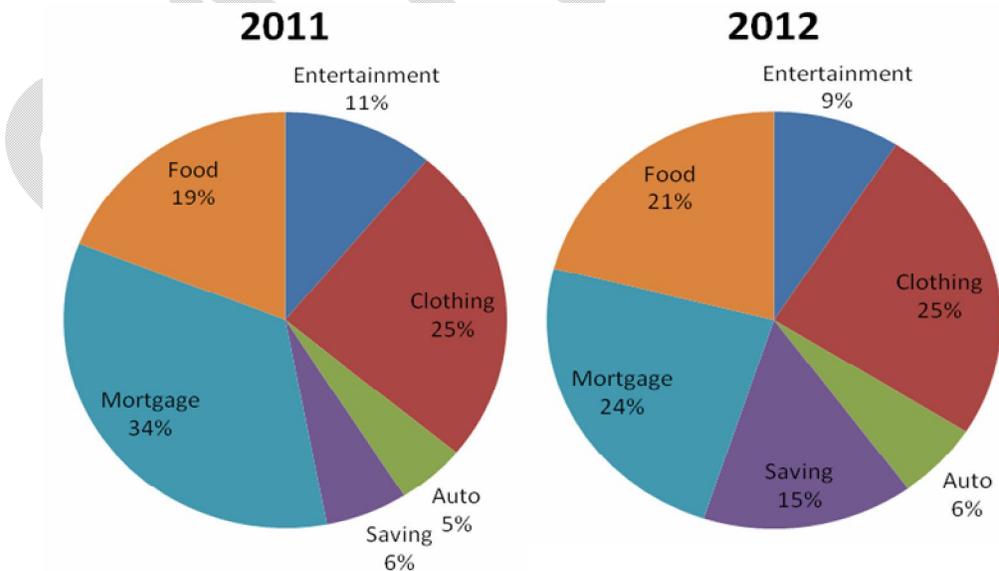
- (a) 20 cm                      (b) 30 cm                      (c) 40 cm                      (d) 50 cm

For Questions 37 – 39, read the information given in the below pie charts carefully and answer the questions.

**DISTRUBUTION OF TOTAL INCOME FOR HARRYS FAMILY DURING YEARS 2011 AND 2012**

Total Income in 2011: Rs. 50,000/-

Total Income in 2012: Rs. 75,000/-



37. What was the total amount of money that the Harrys family spent on food in 2011?  
 (a) Rs. 9,500                      (b) Rs. 10,000                      (c) Rs. 14,250                      (d) Rs. 15,750

38. For which of the following categories did the Harrys family spend more money in 2012 than they spent in 2011?

- I. Auto
- II. Clothing
- III. Mortgage

- (a) I only                      (b) II only                      (c) I and III only                      (d) I, II, and III

39. By what percent did the amount of money that the Harrys' family spent in the Auto category increase from 2011 to 2012?

- (a) 1%                      (b) 20%                      (c) 55%                      (d) 80%

SAMPLE