3. MBA

General Instructions

1. Please do not open this booklet until you are told to do so.

2. Please fill up the necessary information in the space provided on the cover of the Question booklet and the Answer-sheet before commencement of the test.

3. The duration of the test is **3 hours.**

4. Please check for the completeness of the Question booklet immediately after opening.

5. Each question has four or five options marked (A), (B), (C), (D), (E)

6. Answers are to be marked on the Answer Sheet, which is provided separately.

7. Choose the correct option and darken the circle completely, corresponding to (A), (B), (C), (D) or (E) against the relevant question number.

8. Use only **HB pencil** to darken the circle for answering.

9. Please do not darken more than one circle against any question, as scanner will not read the same correctly.

10. If you wish to change any answer, erase completely the one already marked and darken the fresh circle with an HB pencil.

11. Each question carries one mark.

12. There is NO Negative Marking.

13. Rough work, if any, is to be done on the Question booket only. No separate sheet will be provided/ used for rough work.

14. Calculator, Pager, Mobile etc are not permitted inside the examination hall.

15. Candidates using unfair means in the test will be disqualified.

16. Appropriate civil/Criminal proceedings will be instituted against the candidate taking or attempting to take this booklet or part of it outside the examination hall.

Part - I

The test paper will be of four sections

SECTION - I   : INTELLIGENCE & CRITICAL REASONING
(50 Questions)

SECTION - II   : DATA ANALYSIS & SUFFICIENCY
(50 Questions)

SECTION - III   : LANGUAGE COMPREHENSION (ENGLISH & HINDI)
(50 Questions)

SECTION - IV   : MATHEMATICAL SKILLS
(50 Questions)

Duration : 3 hrs.
Max. Marks : 200

Part - II : Personality Inventory Test   Duration : 30 minutes

Section - I : Intelligence & Critical Reasoning

Sample Questions

In question Nos. 1-2 find the next term in the series.

1.   3, 8, 13, 18, ?
   (A) 23   (B) 28   (C) 33   (D) 11

2.   A, Z, C, Y, E, X, G, ?
   (A) I   (B) K   (C) L   (D) W

Question Nos. 3-4 are based on the followings passage :

A man leaves for his office from his house. He walks towards East. After moving a distance of 20m, he turns towards South and walks 10 m. Then he walks 35 m towards the West and further 5 m towards the North. He then turns towards East and walks 15m.

3.   What is the straight distance in meters between his initial and final positions ?
   (A) 0   (B) 5   (C) 10   (D) Cannot be determined.

4.   The new position of the man is towards the...............of the original position.
   (A) west   (B) east   (C) south-west (D) none of these.

5.   How many 4's appear in the following sequence ?
   3231242122341343423414323223123243212
   (A) 6   (B) 7   (C) 4   (D) 5

6.   Find the odd one out
   (A) Second   (B) Days   (C) Minute   (D) Hour

7.   R is on right of L. L. is on left of K.
   X. K is right of L.
   Y. K is right of R.
   (A) X is valid   (B) Y is valid   (C) Both X and Y are valid   (D) Cannot be determined
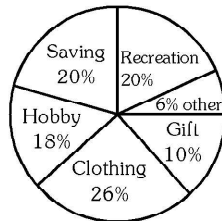
In question 8 an argument which consists of two or more statements is followed by a conclusion (beginning with 'Therefore'). You have to judge whether or not the conclusion necessarily follows from the statement given and indicate your answer as true, false, probably true probably false or cannot be determined. You are not concerned with the truth or falsity of any statement or conclusion given. Actually most of the statements are absurd.

8. Ajanta is in Maharashtra. Maharashtra is in India. Therefore, Ajanta is in India.
   (A) True   (B) False
   (C) Probably true   (D) Probably false

Section - II : Data Analysis & Sufficiency

Sample Questions

Directions : The pie chart below shows how Anand spent his earnings for one year.
Study the chart carefully and answer question Nos. 1-3.

1. If Anand spent Rs. 3500 on recreation during the year, the amount spent on clothing was ?
   (A) Rs. 3500   (B) Rs. 2450   (C) Rs. 3980   (D) Rs. 4550

2. Anand had to pay medical bills worth Rs. 3720. He estimated that if he cut down his expenditure on hobbies, recreation and gifts to half, then he could pay the bills. What was the annual income of Anand ?
   (A) Rs. 10000   (B) Rs. 12500   (C) Rs. 15500   (D) Rs. 17500

3. What is the combined angle in the central sector due to recreation and savings ?
   (A) 40   (B) 80   (C) 100   (D) 144

   DIRECTIONS For Q. 4-6
   The following table gives employment statistics of various levels of managers in four department of XY Ltd. company for a given year. Study the table carefully and answer the following questions.
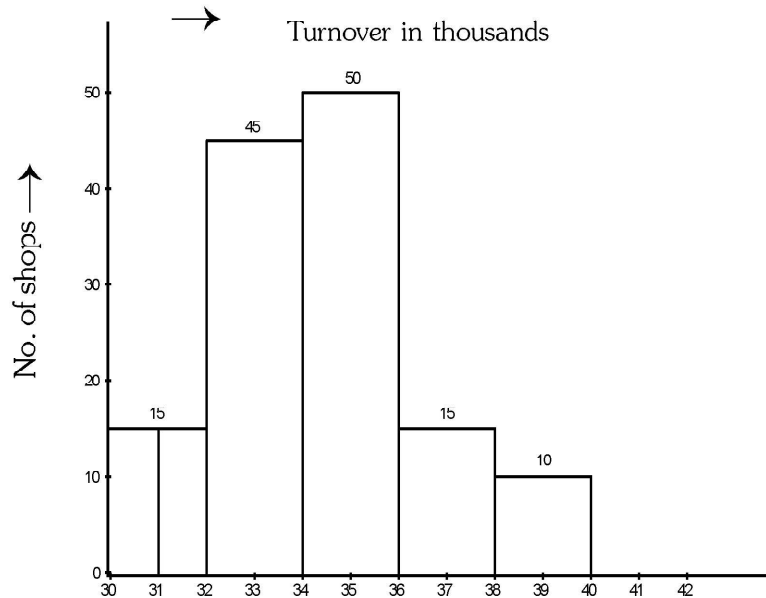
Table : DEPARTMENT WISE MANAGERIAL STRENGTH OF XY LTD.

Department Level	Marketing	Finance	Personnel	Production	Total
Senior level Managers	15	10	12	25	62
Middle level Managers	45	40	35	55	175
Junior level Managers	70	60	43	60	233
Total	130	110	90	140	470

4. In which department the proportion of middle level managers to total managers is maximum?
   (A) Marketing   (B) Finance   (C) Personnel   (D) Production

5. What is ratio of Junior level manager to total managers in the company ?
   (A) 0.298   (B) 0.496   (C) 0.429   (D) 0.512

6. What is the ratio of managers in both Personnel and Production department to the managers in both Marketing and Finance departments ?
   (A) 88.00%   (B) 104.35%   (C) 95.83%   (D) 74.07%

DIRECTIONS For Q. 7-8

The results of a survey done to find the monthly turnover of some shops are represented below. Study the bar chart carefully and answer the following questions.

Turnover in thousands

7. What percentage of shops has a turnover of over Rs. 36 thousand ?
   (A) 20%   (B) 25%   (C) 5%   (D) 20%
8. How many shops have turnover between Rs. 32 & Rs. 38 thousand ?
   (A) 35   (B) 105   (C) 20   (D) 55

Section - III : Language Comprehension (English and Hindi)
Sample Questions (English)

In question Nos. 1-2 choose the word which is most nearly opposite in meaning (Antonym) to the word in capitals.

1. EXTRINSIC :
   (A) Severe   (B) Shallow
   (C) Incidental   (D) Inherent
2. AMBIGUITY :
   (A) Contamination   (B) Fester
   (C) Maturate   (D) Transparency

In question Nos. 3-4 choose the word which is most nearly equal in meaning (SYNONYM) of the word in capitals.

3. INCITEMENT :
   (A) Turmoil   (B) Stimulus
   (C) Calm   (D) Excitement
4. GRUESOME :
   (A) Dark   (B) Rude
   (C) Ghastly   (D) Beautiful

14

Question Nos. 5-6 below consist of two words with a certain relationship to each other followed by five lettered pairs of related words. Select the lettered pair of words that has the some relationship as the original pair of words.

5.   GERM : DISEASE ::

   (A) Doctor : Medicine   (B) Shop-keeper : Goods

   (C) War : Destruction   (D) Ecology : Pollution

6.   IMMIGRATION : ENTRANCE ::

   (A) Emigration : Departure   (B) File : Knife

   (C) Nest : Bird   (D) Customs : Exit

In question Nos. 7-8 pick up the correct meaning of the idioms given in CAPITALS.

7.   I do not MINCE MY WORDS.

   (A) take back my words   (B) speak hesitatingly

   (C) shout   (D) none of these.

8.   "TO COOL THE HEELS"

   (A) to dip one's feet in water   (B) standing for someone in shade

   (C) to apply balm on heels   (D) none of the above.

   READ THE PASSAGE BELOW AND PICK UP THE CORRECT ANSWER FOR QUESTION Nos. 9-11 WHICH FOLLOW.

   The idea goes back to the teaching of Buddha that..................

9.   The main idea of the passage is

   (A) ....   (B) ....

   (C) ....   (D) ....

10. The most appropriate title of the passage is

   (A) ....   (B) ....

   (C) ....   (D) ....

11. The style of the author is

   (A) ....   (B) ....

   (C) ....   (D) ....

In question Nos. 12-13 a sentence is given with a blank space, indicating that a word(s) has been omitted. Pick up the word(s) which when inserted in the blank space best fits in with the meaning of the sentence as a whole.

12. A little sincerity is a dangerous thing, and a lot of it is.....................fatal.

   (A) entirely   (B) thoroughly

   (C) absolutely   (D) probably

13. Many countries have now succeeded in....................the malaria mosquito.

   (A) erasing   (B) removing

   (C) obliterating   (D) eradicating

नमूने के प्रश्न

हिन्दी :

निर्देश : निम्न लेख का अंश पढ़ें तथा दिए गए प्रश्नों का सही क्रमाक्षर लिखें।

अनौपचारिक शिक्षा में कार्य नीति यह सोची गई है...............

1. अनौपचारिक शिक्षा का अभिप्राय है –
    (अ) विद्यालय में अतिरिक्त शिक्षा
    (ब) विद्यालयी शिक्षा
    (स) विद्यालय से अतिरिक्त अन्य साधनों द्वारा शिक्षा
    (द) उपर्युक्त में से कोई नहीं।

2. निरक्षरता उन्मूलन में विशेषतः जिस आयु वर्ग को साक्षर बनाने पर बल दिया गया है, वह है-
    (अ) 15 से 50 आयु वर्ग को   (ब) 20 से 50 आयु वर्ग को
    (स) 15 से 35 आयु वर्ग को   (द) 20 से 35 आयु वर्ग को

निर्देश : नीचे कुछ वाक्य दिए गए हैं। अशुद्ध वाक्य के जिस खण्ड में अशुद्धि हो उसके नीचे अंकित संकेताक्षर लिखें। शुद्ध वाक्य के लिए संकेताक्षर (ड) लिखें।

1. तुम / जयपुर / कब / जाओगे।/
    क   ख   ग   घ

2. हमने तो / खाना / नहीं / खाना है।/
    क   ख   ग   घ

3. आज / हमारे यहां / रविवार का / अवकाश है।/
    क   ख   ग   घ

Section - IV : Mathematical Skills

Sample Questions

1. Which of the following decimal numbers is a perfect square ?
    (A) .9   (B) .09
    (C) .00009   (D) none of these

2. 65% of 600 is
    (A) 290   (B) 230
    (C) 390   (D) 360

3. The square root of .0121 is
    (A) .11   (B) .011
    (C) .00011   (D) .000011

4. If $2x + 3y = 7$ and $3x + 2y = 8$, than the values of x and y, respectively, are
    (A) 3 and 2   (B) 2 and 1
    (C) 1 and 2   (D) Cannot be determined.

5. The average height of three children is 95 cms. If the heights of 2 children are 97 and 92, respectively, the height of the third child is

(A) 92 cms.   (B) 93 cms.   (C) 95 cms.   (D) 96 cms.

6. The sum of three numbers is 98. If the ratio of the first to the second is 2 : 3 and that of the second to the third is 5 : 8, then the second number is

(A) 20   (B) 30

(C) 58   (D) Cannot be determined.

7. A and B enter into a partnership. A initially invests Rs. 40,000/- and adds another Rs. 10,000/- after one year and B initially invests Rs. 60,000/- and withdraws Rs. 20,000/after two years. In what ratio should the profit be divided at the end of three years ?

(A) 7 : 8   (B) 9 : 8   (C) 8 : 7   (D) 1 : 1

8. If the circumference of circle is doubled then the area of the circle

(A) Increases 4 times   (B) Decreases 4 times

(C) Increases 2 times   (D) Decreases 2 times

9. Let T be an equilateral triangle and let S be a square with one side of t as its side. The ratio between the areas of T and S is :

(A) 1 : 3   (B) 3 : 1   (C) $\sqrt{3}$: 1   (D) 1 : $\sqrt{3}$

10. Two numbers are such that their difference, their sum and their product are in the ratio of 1 : 7 : 24. The product of the numbers is :

(A) 24   (B) 48

(C) 96   (D) Cannot be determinded.

11. The successive interest of 20% three times is equal to a single interest of

(A) 60%   (B) 50%   (C) 48.8%   (D) none of these

12. One angle of a triangle is 89⁰. The other two angles are in the ratio 2 : 5. The number of degrees in the smallest angle are :

(A) 13   (B) 26   (C) 39   (D) 65

13. Of 50 adults, 20 play cricket and 30 play hockey. If 10 play both how many play neither hockey nor cricket ?

(A) 30   (B) 20   (C) 10   (D) 0

14. If we draw two cards at random from a deck of playing cards, what is the probability that both are aces ?

(A) 1/20   (B) 1/221   (C) 1/2   (D) None of these.

15. If the following numbers are arranged in order from the smallest to the largest what will be their correct order ?

I. 7/11   II. 9/13   III. 70%   IV. 1/.70

(A) I, II, III, IV   (B) III, II, I, IV

(C) II, IV, III, I   (D) None of these.