



MACRO VISION ACADEMY, BURHANPUR

Sample Paper 2021-22

Office Use

Class: XI COMMERCE

Time : 80 min

M.M.: 40

Student's Name:- _____ Father's Name:- _____

City:- _____ Mobile No:- _____ Exam Date:- _____

Studying in Class:- _____ Appearing for class:- _____ Board: MP/CBSE/Other _____

GENERAL INSTRUCTIONS:

- The question paper has 40 questions in all. Each question carries 1 mark.
- All questions are compulsory.
- Section A contains 15 questions of Mathematics.
- Section B contains 10 questions of Social Science.
- Section C contains 5 questions of MAT (Mental Ability Test).
- Section D contains 10 questions of English.

Mathematics (15)	Social Science (10)	MAT (05)	English (10)	OBTAINED (40)

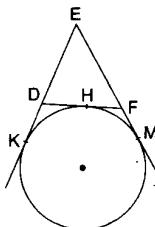
Section A

Mathematics

- Which of the following rational number is expressible as a terminating decimal?
(a) $\frac{131}{30}$ (b) $\frac{2027}{625}$ (c) $\frac{1625}{462}$ (d) $\frac{124}{165}$
- If the zeros of the polynomial $f(x) = k^2x^2 - 17x + k + 2, (k > 0)$ are reciprocal of each other, then the value of k is,
(a) 2 (b) -1 (c) -2 (d) 1
- On solving $3x+4y+7=0$ and $5x-7y-2=0$, we get :
(a) $x = 1, y = -1$ (b) $x = -1, y = 1$ (c) $x = -1, y = -1$ (d) $x = 0, y = \frac{-2}{1}$
- The roots of the equation $2x^2 - 6x + 7 = 0$ are
(a) real, unequal and rational (b) real, unequal and irrational
(c) real and equal (d) imaginary
- The first and last term of an A.P. are 1 and 11. If the sum of its terms is 36, then the number of terms will be
(a) 5 (b) 6 (c) 7 (d) 8
- Find the distance of the point (-6, 8) from the origin.
(a) 8 (b) 11 (c) 10 (d) 9
- The value of $(\tan 1^\circ \tan 2^\circ \tan 3^\circ \dots \tan 89^\circ)$ is,
(a) 0 (b) 1 (c) 2 (d) $\frac{1}{2}$

- 8.** A tower is 50 m high. Its shadow is x metres shorter when the sun's altitude is 45° than when it is 30° . Find the value of x . (Use $\sqrt{3} = 1.732$)

9. In the given figure, a circle touches the side DF of $\triangle EDF$ at H and touches ED and EF produced at K and M respectively. If $EK = 9 \text{ cm}$ then the perimeter of $\triangle EDF$ is .



- (a) 9 cm (b) 12cm (c) 13.5 cm (d) 18cm

- 10.** The probability that a leap year has 53 Sundays, is

- (a) $\frac{2}{7}$ (b) $\frac{5}{7}$ (c) $\frac{6}{7}$ (d) $\frac{1}{7}$

- 11.** The perimeter of a circular field is 242 m. The area of the field is

- (a) $9317 m^2$ (b) $18634 m^2$ (c) $4658.5 m^2$ (d) None of these

- 12.** If the bisector of an angle of a triangle bisects the opposite side of the triangle is

- (a) Isosceles (b) Equilateral (c) Scalene (d) Right angle

- 13.** The mean and mode of a frequency distribution are 28 and 16 respectively. The median is

- 14.** During conversion of a solid from one shape to another, the volume of the new shape will

- 15.** A man goes 24 m due west and then 10m due north. How far is he from the starting point?

Section B

Social Science

- 16.** Development of a country can be determined by its:

- 17.** Which among the following sectors is registered by the government and follows rules and regulations

- 18.** Formal sources of credit do not include

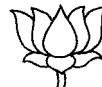
19. Globalisation means?

- ### (a) Integration through cultural relations

- (b) Integration through social and political relations

- (c) Integration between countries through trade

- (d) Integration between countries through trade and investment.

Column-I (Symbols)	Column-II(Party)
(a) 	(i) BSP
(b) 	(ii) NCP
(c) 	(iii) CPI-M
(d) 	(iv) BJP

Options:

Section C

MAT

- 26.** When Anuj saw Manish, he recalled, "He is the son of the father of my daughter." Who is Manish?
(a) Brother-in-law (b) Brother (c) Cousin (d) Son

27. What will come in place of question mark (?) in the following series?

320, 160, 240, 600, 2100, (?)

28. Find out the wrong term in the series 1, 9, 25, 50, 81

29. Y is in the East of X which is in the North of Z. If P is in the South of Z, then in which direction of Y is P?

30. If HAT is coded as 'jcv' then what will GUN be coded as?

Section D

English

Read the passage given below and answer the questions that follow.

1. Salsa is a popular dance form considered to be a combination of Latin and Afro-Caribbean dances. It is a mixture of various roots and cultures and cannot be associated to a specific region. But a large part of the dance originated in the Cuban island.

2. The term ‘salsa’ actually means sauce in the Spanish language and is seen as a sensual dance that combines both sensuality and grace. It is a dance form where both the European and African cultures come together.

3. Various notions circulate regarding the origins of this particular dance form. According to one of them, when the French came to Cuba, they brought their own country dance along with them. Their native dance mixed with the native African dances like Guaguanco and gave rise to the salsa. As per another notion, the dance form of the native African slaves was known as rumba. The rumba got mixed with various other western dancing styles when these slaves were brought to America. The salsa thus originated from a mixture of various dance styles and cultures.

4. The term salsa was created in New York and there are different styles of salsa namely Cuban style, New York style, Los Angeles style, Colombian style and the Puerto Rican style, depending on the geographical locations from which they originated. Each style incorporates slightly different dance steps. Salsa branches also include the Colombian Salsa and the Miami-Style Salsa.

5. It is normally a couple dance where the male dancer and the female dancer complement each other perfectly. There are solo forms as well. The dance form usually consists of six different steps for music with eight counts.

6. Nowadays salsa is seen as a mode of exercise for people who want to get a toned body. It is a good way to maintain one's body and also helps in relieving stress

Choose the correct answer for the following questions.

31. What is the word used for ‘amalgamation’ as given in the passage?

32. Which of the following words used in the passage mean the same as 'idea'?

In the passage given below, some words are missing. Choose the correct word from the given options to complete the passage meaningfully.

Think twice before you take a sip (36) that cola bottle this summer. Experts (37) that excessive cola consumption can lead to (38) from mild weakness to profound muscle paralysis. This is (39) the cola drinks can cause blood potassium to drop dangerously low, they report in the International Journal of Clinical Practice. They tell of the curious case of an Australian ostrich farmer who (40) emergency care for lung paralysis after drinking 4-10 litres of cola a day.
