



MACRO VISION ACADEMY, BURHANPUR

Sample Paper

Class: XI (B)

Commerce Stream

Time 2:00 Hrs. M.M.: 100

Office Use

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

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

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

Other

English (40)	So. Science (30)	Mathematics (30)	OBTAINED MARKS (100)

English (40)		8
❖	<p>Read the following passage and answer the following questions:</p> <p style="text-align: center;">OUR FOREFATHERS</p> <p>Our forefathers had lifestyles very much different from those we have today. Their life was based mainly on the concept of "Simple living and high thinking." People were satisfied with whatever they obtained after working hard. Excessive material wealth did not mean much for them. They derived mental satisfaction and enrichment which they aimed at.</p> <p>The structural framework of our forefathers' families was different from that of ours. They lived in a cohesive joint family structure where they were happier than we are. They cared for each other. The siblings grew up with their cousin's told. The bond of love which they shared cannot be easily found in the nuclear families of today. The family provided an emotional cushioning effect against tension and stress.</p> <p>However, in the nuclear family, we are detached from the feelings towards our kith and kin. At times even the cousins do not recognize one another, when they happen to be self-centered. Disputes in the family may lead to divisions. This may finally destroy the family psyche.</p> <p>The joint family system provided a proper environment for the child to grow up. The values of respect, tolerance, responsibility, integrity, etc. were internalized in the child. In the long run, they became better human beings compared to those in the present generation. Our forefathers felt happiest if their children became 'honest' human beings.</p> <p>But today we are happy only if we attain our coveted material ends. We are ready to resort to any means to attain that end. Our philosophy of life has turned out totally Machiavellian.</p> <p>Our forefathers had a vision to make India the best. To attain their ambitions, they were ready to make all sorts of personal sacrifices. Their happiness lay in that of the millions of Indian brothers and sisters.</p> <p>I. Answer the following questions:</p> <p>➤ What is the big difference between our forefathers and us? Ans</p> <p>➤ What is the true meaning of 'happiness'? Ans</p>	

➤ What happens in a nuclear family?

Ans

➤ How does the joint family system make a child a good human being?

Ans

II. Find the word from the passage which has the same meaning as each word or phrase shown below. Choose the correct option and write the answer in your answer sheet.

➤ Concern or Anxiety (Para 1)

- (i) conquest (ii) sacrifice (iii) solicitude (iv) jealous

Ans

➤ Ancestors (Para 4)

- (i) siblings (ii) forefathers (iii) family (iv) cousins

Ans

➤ Well desired (Para 5)

- (i) coveted (ii) resort (iii) adjust (iv) Machiavellian

Ans

➤ Aims (Para 6)

- (i) sacrifices (ii) attain (iii) visions (iv) ambitions

Ans

❖ **Read the following passage and answer the following questions:**

8

MIRRORS

Mirrors have been used since ages. It is said that Archimedes used huge mirrors to focus the heat of the sun's rays on enemy ships to burn them. The same principle is used in solar cookers where mirrors are used to reflect and focus the sun's rays on to cooking containers. Astronomers use huge concave mirrors to focus starlight. The mirrors used in telescopes are polished by giving a thin coat of silver or aluminum to the glass. With the telescopes, astronomers can see the heavenly bodies but even without the telescopes one can see the moon. A full moon shining overhead is a beautiful sight. But it is also a puzzle because if the sun and the moon both give the same sunlight, then why is the moonlight more pleasant?

The reason is that the moon reflects very little sunlight, in fact, only seven percent of the light it receives. The earth reflects about half of the radiation that it receives from the sun. Imagine how bright the earth must be looking from the moon? One can even read a book on the moon in the earth light.

However, you do not have to travel all the way to the moon to realize how strong the earthlight is. Observe the crescent moon soon after all the new moon. The bright crescent is illuminated by the sun. The rest of the moon is illuminated by earthlight. In other words, the light reflected by the earth is falling on the moon. This is being reflected back to us and is strong enough to show the moon faintly. As the crescent increases in size, this effect disappears.

Fresh snow is the best reflector of sunlight in nature. As a highly reflective substance, snow dramatically increases UV-B exposure near the Earth's surface as it reflects most of the radiation back into the atmosphere where it is then scattered back towards the surface by aerosols and molecules. Fresh snow can reflect much as 9.4 percent of the incoming UV radiation. The bright light reflected by it can dazzle and harm your eyes. Mountaineers, therefore, use dark glasses.

	<p>➤ Archimedes used mirrors to focus the heat of the sun's rays to----- Ans</p> <p>➤ Mirrors used in telescopes are polished by giving the glass a thin coat of----- Ans</p> <p>➤ The principle of focusing the sun's rays is used in----- Ans</p> <p>➤ The bright light reflected by fresh snow can----- Ans</p> <p>➤ The earth reflects -----the radiation received from the sun. Ans</p> <p>➤ The moon absorbs most of the light it receives and reflects only ----- Ans</p> <p>➤ The dim part of the crescent moon is lighted by----- Ans</p> <p>➤ Mountaineers wear -----while climbing mountains. Ans</p>																			
❖	<p>Complete the following passage by choosing the most appropriate options from the ones given below.</p> <p>He (a)_____ the session with a prayer, prolonging it until the others join and the valleys echo with the chants, (b) _____ the cry of jackals. Time was when he (c) _____his stories to the accompaniment of musical instruments, but now he depends only on himself. The films (d) away all the fiddlers and crooners, who have no time now-a-days to stand at the back of an old storyteller and fill his pauses with music.</p> <p>(a) (i) began (ii) begin (iii) begins (iv) is beginning (b) (i) drowned (ii) drown (iii) drowns (iv) drowning (c) (i) was narrating (ii) narrated (iii) narrates (iv) had narrated (d) (i) have taken (ii) had taken (iii) has taken (iv) did take</p> <p>Ans a)</p> <p>Ans b)</p> <p>Ans c)</p> <p>Ans d)</p>	4																		
❖	<p>The following passages have not been edited. There is an error in each line against which a numeral is given. Write the incorrect word and the correction in the space provided. Remember to underline the word that you have supplied.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 20%; text-align: center;">Incorrect Word</th> <th style="width: 30%; text-align: center;">Correct Word</th> </tr> </thead> <tbody> <tr> <td>Amongst young peoples, motorcyclists and scooterists are the great cause of danger.</td> <td style="text-align: center;">eg. peoples</td> <td style="text-align: center;">people</td> </tr> <tr> <td>They often try to show of by driving at break-neck speed; they risk there own life as well as that of other.</td> <td style="text-align: center;">(a)</td> <td style="text-align: center;">.....</td> </tr> <tr> <td></td> <td style="text-align: center;">(b)</td> <td style="text-align: center;">.....</td> </tr> <tr> <td></td> <td style="text-align: center;">(c)</td> <td style="text-align: center;">.....</td> </tr> <tr> <td></td> <td style="text-align: center;">(d)</td> <td style="text-align: center;">.....</td> </tr> </tbody> </table>		Incorrect Word	Correct Word	Amongst young peoples, motorcyclists and scooterists are the great cause of danger.	eg. peoples	people	They often try to show of by driving at break-neck speed; they risk there own life as well as that of other.	(a)		(b)		(c)		(d)	4
	Incorrect Word	Correct Word																		
Amongst young peoples, motorcyclists and scooterists are the great cause of danger.	eg. peoples	people																		
They often try to show of by driving at break-neck speed; they risk there own life as well as that of other.	(a)																		
	(b)																		
	(c)																		
	(d)																		

❖	<p>The mean of the number 6, y, 7, x and 14 is 8. Express y in terms of x.</p> <p>Ans.</p>	1
❖	<p>If the numbers $4n - 1$, $4n$ and $5n + 2$ are in A.P. find the value of n.</p> <p>Ans.</p>	1
❖	<p>A card is drawn at random from a well shuffled deck of playing cards. Find the probability that the card drawn is a red card.</p> <p>Ans.</p>	1
❖	<p>State Euclid's division lemma.</p> <p>Ans.</p>	1
❖	<p>Use Euclid algorithm to find the H.C.F. of 216 and 408.</p> <p>Ans.</p>	2

❖	Prove that the line joining the mid-points of two sides of a triangle is parallel to the third side. Ans.	2
❖	The 6 th term of an A.P. is -10 and its tenth term is -26 . Find the 15 th term of the A.P. Ans.	2

❖	<p>A fraction becomes $\frac{4}{5}$ if 1 is added to both numerator and denominator. If however, 5 is subtracted from both numerator and denominator, the fraction becomes $\frac{1}{2}$. What is the fraction?</p> <p>Ans.</p>	3
❖	<p>Prove that: $\frac{\sin \theta - 2 \sin^3 \theta}{2 \cos^3 \theta - \cos \theta} = \tan \theta$</p> <p>Ans.</p>	3

❖	Divide 35 into two parts such that the sum of their reciprocals is $\frac{7}{60}$. Ans.	3

❖	<p>A man standing on the deck of a ship, which is 10 m above the water level, observes the angle of elevation of the top of a hill as 60° and the angle of depression of the base of the hill as 30°. Calculate the distance of the hill from the ship and the height of the hill.</p> <p>Ans.</p>	5
❖	<p>Water in a canal, 6 m wide and 1.5 m deep, is flowing with a speed of 10 km/h. How much area will it irrigate in 30 minutes, if 8 cm of standing water is needed?</p> <p>Ans.</p>	5

--	--	--

ROUGH WORK