

Five-Year Integrated M. Sc. Examination 2024

Semester: I

Paper: ENG-1-1-1

Subject: Functional English

Time: Three Hours

Full Marks: 40

Questions are of value as indicated in the margin

1. (a) You wish to pursue your doctoral research at a renowned institute abroad. Write an application to the director of the institute 10

Or

- (b) Write a letter to your friend requesting him/ her to visit Santiniketan during the forthcoming Basantotsav. 10

2. Write a passage on **any one** of the following topics.

- (a) Social media and community life
- (b) Role of students in creating and spreading scientific spirit
- (c) Science and traditional knowledge
- (d) Is scientific development antithetical to ecological balance?

10

3. (a) You are part of a Visva-Bharati team studying the hazardous implications of non-disposal of garbage for campus health after Poushmela. Write a passage of report on your experiences 10

Or

- (b) Write a report for a local newspaper on the state of scientific consciousness amongst peasantry in the villages adjacent to Santiniketan. 10

4. Write a précis of the following passage. Add a suitable title to your précis

Light and sound is found everywhere. Light and sound waves travel from place to place and can be seen and heard. Light is visible to the human eye and is responsible for the sense of sight. It is a form of energy we can see when it is reflected off the surface of an object. Sound is a mechanical vibration that can pass through solids, liquids, and gases and can usually be identified by the sense of hearing. Light waves travel through the air from place to place and do not carry matter. Light is believed to travel faster than anything in the universe. It travels at a speed of 186,000 miles per second. Light is unable to travel through solids, but it can travel through liquids and gases.

There are two properties of light. The first property of light is called reflection. Reflection is when light bounces off a surface which then allows the object to be visible to the eye. For example, when the moon is seen in the sky, it is because the light from the sun reflects off the surface of the moon. A light ray comes off a surface at an equal angle to the angle at which it struck the surface. The second property of light is called refraction. Refraction is when a ray of light passes from a transparent medium to another transparent medium such as from air to water, it changes speed and the way it bends. For example, when a pencil is placed into a glass of water, the pencil will seem like it is broken into two pieces. Because the light is travelling through the water, there is refraction, and the light bends causing the pencil to look like it is in two pieces. Another example of refraction is the use of eyeglasses to improve a person's vision. Using a glass that is curved at a certain angle the vision of a person is corrected by the way light is refracted in the eye.

8+2= 10

Or

(b) Answer as instructed.

i) Make sentences with the following words:

Nevertheless, fundamental, rather than, uplift, systematic

5 x 1.0= 5.0

ii) *Fill in the blanks*

_____ I feel depressed I look _____ a collection of my favorite literary quotes I keep

_____ a document _____ my computer. Today was _____ of those days.

5 x 1.0= 5.0