



**COOCH BEHAR PANCHANAN BARMA UNIVERSITY**  
B.A./B.Sc./B.Com./Programme 1st Semester Examinations, 2018

**ENGLISH**  
**AECC-MIL**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*  
*Candidates are required to give their answers in their own words as far as practicable.*

1. Make a precis of the following passage and give a suitable title to it. 5

Early man was ignorant and superstitious. He did not know the causes behind natural calamities like earthquake, storms, floods, volcanic eruptions. He thought angry gods and goddesses or some other supernatural power were behind such disaster. But the scientists like Copernicus, Galelio, Newton, Kepler and many others discovered the natural causes behind things and the principles that govern the activities of the elements. Today man, with the help of the scientists, has made tremendous progress. His life has become more secure, comfortable and efficient. He can now to a great extent protect himself against nature's fury.

But science can also bring misery death and destruction, when its great powers are abused. We know that the atoms of some minerals like uranium are used to make powerful bombs that destroyed whole cities like Hiroshima and Nagasaki in Japan. Chemical gasses are also dangerous for human life. Dangerous weapons are also made. The development of science also brings pollution because of misuse of scientific inventions. So, it is high time to put a stop to such misuse of science. The miraculous power of science should be harnessed for the welfare of mankind, invention of electricity to light up the dark places, invention of life giving drugs and devices that can ensure a pollution free world.

2. Lodge an FIR with the local police station on the loss of your Bicycle. 10×1 = 10

**OR**

Write an application for the post of a clerk in Gram Panchayat / Municipality of your locality.

3. Write a report on a book fair recently held in your locality.

15×1 = 15

**OR**

Write a report on a terrible road accident in your locality.

4. Read the passage carefully and answer the questions below.

10

NASA just spotted a planet that they did not think could exist. The world known as Wasp-18b, is wrapped in a stratosphere full of carbon monoxide and with no water at all. That suggests that it might have formed in an entirely different way from the gas giants we have know before. "The composition of Wasp-18b defies all expectations," said Kyle Shepherd of NASA's Goddard space flight centre in Greenbelt, Maryland, lead author of the paper published in the Astrophysical Journal Letters. "We don't know of any other extra solar planet where carbon monoxide so completely dominates the upper atmosphere."

On earth, the stratosphere keeps us safe from dangerous rays from the sun. Ozone absorbs UV, which means that much of the otherwise harmful radiation is kept out and does not land on us. Other planets tend to have a different molecule like titanium oxide which is used for a variety of different purposes on earth. NASA scientists examined the surface of the planet by looking at the light that comes to us from it, which is found 325 light years away. From that light they can work out the "spectral fingerprints of the make up of the planet looking out for signatures that could suggest the planet was water or other important molecules".

Answer the following questions:

- (a) Which gas dominates the upper atmosphere of the planet?
- (b) What is the function of the stratosphere on earth?
- (c) Who is Kyle Shepherd?
- (d) How did the NASA scientists examine time surface of the planet?
- (e) Find out words in the text which mean the following:
  - (i) Soak up
  - (ii) Ghostly
  - (iii) Fundamental Unit of a Chemical.
- (f) Find out the words in the text which are opposite in meaning of the following.
  - (i) Beneficial
  - (ii) Uncovered
  - (iii) Insignificant.