

CS/B.Tech/Odd/Sem-1st/HU-101/2015-16



**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL**

**HU-101**

**ENGLISH LANGUAGE AND TECHNICAL COMMUNICATION**

Time Allotted: 3 Hours

Full Marks: 70

*The questions are of equal value.*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*All symbols are of usual significance.*

**GROUP A**

**(Multiple Choice Type Questions)**

1. Answer all questions.

10×1 = 10

(i) The synonym of "ethnic" is

- (A) coloured (B) racial  
(C) prejudiced (D) tribal

(ii) The antonym of "global" is

- (A) international (B) worldwide  
(C) zonal (D) local

(iii) We went \_\_\_\_\_ a holiday to Gopalpur-on-Sea last December.

- (A) on (B) to  
(C) around (D) from

CS/B.Tech/Odd/Sem-1st/HU-101/2015-16

(iv) I wish you \_\_\_\_\_ that photo. It was a rare one of my grandparents' wedding in 1928.

- (A) hasn't taken (B) haven't taken  
(C) hadn't taken (D) won't have taken

(v) People usually \_\_\_\_\_ to the radio in the early 1980s.

- (A) listen (B) listened  
(C) had listened (D) have listened

(vi) If I \_\_\_\_\_ king, I would be the happiest man on earth.

- (A) was (B) were  
(C) am (D) be

(vii) I recommend that he \_\_\_\_\_ at once.

- (A) apologize (B) apologizes  
(C) apologized (D) apologizing

(viii) He succeeded \_\_\_\_\_ perseverance and sheer hard work.

- (A) instead of (B) by dint of  
(C) by reason of (D) in the event of

(ix) The victim \_\_\_\_\_ me, "Could you show me the way?"

- (A) commanded (B) suggested  
(C) asked (D) advised

(x) Despite the millions of dollars spent on improvements, the transport system in India remains \_\_\_\_\_ and continues to \_\_\_\_\_ the citizens who depend on it.

- (A) primitive....inconvenience (B) bombastic....upset  
(C) suspicious....connect (D) outdated....elate

CS/B.Tech/Odd/Sem-1st/HU-101/2015-16

CS/B.Tech/Odd/Sem-1st/HU-101/2015-16

**GROUP B**

**(Short Answer Type Questions)**

Answer all questions.

15

2. Read the following passage carefully and answer the following questions in your words.

If HD is today's revolution, 3D is going to be tomorrow's. There appear to be a slew of 3D products—3D televisions, 3D monitors, 3D video games, 3D movies, 3D glasses and even 3D goggles that add a third dimension to games you play on your iPhone or iPod—slowly popping up on store shelves globally, though very few are visible in the Indian market yet. 3D TVs are leading the pack.

Today's 3D displays are mainly stereoscopic models that alternately telecast images meant for the left and right eye stored in the even and odd fields, respectively, of the video signal. Or a shutter glass worn by the viewer alternately shuts off each eye, so that the eye sees only the video stream meant for it. The brain then follows its natural process of merging the two streams of data to present a 3D view to the user, just as it would merge the views of the right and left eye when we see a scene around us naturally.

While this was the basic technology behind 3D movies we saw decades ago, it has now come to our living rooms, thanks to the advanced display technology, lighter and stylish shutter glasses, and more capable broad cast techniques.

LED models, Plasma models, Special cameras for easy shooting of 3D content, real-time 2D-to-3D converters and more such technologies are coming up. Auto-stereoscopic models which do not require glasses are also expected in the future. In fact, mobile phone makers such as NTT Docomo, LG and HTC have already introduced devices that feature glassless 3D displays.

However, due to high price tags and insufficient content, 3D products are yet to catch up in India.

(Electronics For You, June 2011)

- |   |   |
|---|---|
| (a) Give examples of 3D products which are slowly popping up globally. Which product is leading the pack? | 2 |
| (b) What is the function of Shutter glasses?  | 2 |
| (c) How does the brain present a 3D view to the user?   | 2 |
| (d) Mention the upcoming technologies in the field of 3D. What are Auto stereoscopic models?              | 2 |

- |   |   |
|---|---|
| (e) Mention the present status of 3D products in India. | 2 |
| (f) Write a précis of the given passage.                | 4 |

**GROUP C**

**(Long Answer Type Questions)**

Answer any three questions.

3 × 15 = 45

- |   |     |
|---|-----|
| 3. An MNC company is looking for a competent software designer. Eligible candidates must apply with their CV to the HR of the company located at Bangalore within fifteen days from the date of advertisement. Salary would not be a bar for the desirable candidate. Draft an application (with a CV) in the form of a letter.   | 7+1 |
| 4. Do you feel that the attitude towards love and marriage has undergone any change with the change of time? Justify your points making a comparative study with "Marriage is a Private Affair".  | 6+1 |
| 5. You have purchased a vacuum cleaner, BPL make (Model: EURO 2020), from Vishal Electronics, Lal Bazaar. On trying to use it you find, however, it refuses to start. Write a letter of complaint to the firm complaining about the malfunctioning product.   | 1:  |
| 6. Write an essay in around 300 words on any one of the following topics:<br>(a) Electronic Gadgets in Our Everyday Lives<br>(b) Efficacy of "Clean India" campaign<br>(c) The Uses of Paper  | 1:  |
| 7. Earthcare Books is organizing a programme of "Meet Your Favourite Author" on 23 <sup>rd</sup> December, featuring the children's writer, Ruskin Bond, in which over 200 children from various schools will participate. The Manager is calling a meeting on 15 <sup>th</sup> November at 3 p.m. to discuss the organization of this event. Draft the e-mail he sends his employees with a brief agenda of the forthcoming meeting. | 1:  |
| 8. Imagine that you are starting a Web Café with scanning, printing and word processing facilities. It is going to be the only web café of its kind in the area. Moreover, you are providing 25% rebate to the first 200 customers. As the General Manager of the café, write a sales letter to be distributed to your prospective customers.   | 1   |