APPLIED SCIENCES   HSSC-II

SECTION – A (Marks 10)

Q. 1   Choose the correct answer A / B / C / D by filling the relevant bubble for each question on the OMR Answer Sheet according to the instructions given there. Each part carries one mark.

1)   When we click on, it has the basic function to go to a specific address:

A.   Anchor point
B.   Heading
C.   Hyperlink
D.   None of these

2)   The process of a computer receiving information from a server on the internet is known as:

A.   Pulling
B.   Pushing
C.   Downloading
D.   Transferring

3)   Which part of the computer stores information?

A.   Disk drive
B.   Keyboard
C.   Monitor
D.   Printer

4)   What is process of carrying out commands?

A.   Fetching
B.   Storing
C.   Executing
D.   Decoding

5)   Which of the following groups consist of only output devices?

A.   Scanner, Printer, Monitor, Keyboard
B.   Printer, Monitor, Mouse
C.   Printer, Monitor Plotter
D.   None of these

6)   Which of the following is called "Safety"?

A.   To avoid accident
B.   To observe the safety precautions
C.   Concerned with taking precautions to prevent from accident or mitigate its effects
D.   None of these

7)   Which of the following is called Ventricular Fibrillation?

A.   Extra high heart beat
B.   High heart beat
C.   Low heart beat
D.   No heart beat

8)   Which of the following types of radiation has ionizing property?

A.   Visible light
B.   Radio / T.V waves
C.   X-rays and Gamma rays
D.   Microwaves

9)   Which of the following is a defect of film after exposure?

A.   Bends in the film
B.   Fog in the film
C.   Image on the film
D.   None of these

10)   Which of the following is defined as "potential to cause harm"?

A.   Danger
B.   Hazard
C.   Risk
D.   Excess of energy at a point

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Time allowed: 2:20 Hours **Total Marks Sections B and C: 40**

NOTE: Answer any twelve parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet–B if required. Write your answers neatly and legibly.

SECTION – B (Marks 24)

Q. 2 Answer any TWELVE parts. The answer to each part should not exceed 2 to 4 lines. (12 x 2 = 24)

(i) Explain virtual memory.

(ii) Which of the Office Applications is most suitable for billing and why?

(iii) Explain the usage of the Network places component of the windows operating system.

(iv) Explain the function of users passwords in MS Office.

(v) Define the term 'hit' in reference to a search engine.

(vi) List four specific types of application software.

(vii) Briefly explain the usage of the crop option in the picture toolbar.

(viii) Define Networking.

(ix) What is Risk?

(x) What are the classes of hazard in occupational safety?

(xi) What do you know about chemical safety?

(xii) What is let go current?

(xiii) What is Isolation Monitor in electrical safety in O.T?

(xiv) What precautions you will observe for infection control?

(xv) What are the common effects of Radiation?

(xvi) Explain working of Surgical Diathermy?

SECTION – C (Marks 16)

Note:- Attempt any TWO questions. All questions carry equal marks. (2 x 8 = 16)

Q. 3 What are the output devices? Enlist and explain working of one of them?

Q. 4 Explain the five techniques in using Mouse.

Q. 5 Explain Physiological effects of Current.