Version No.				
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ROLL NUMBER						

APPLIED SCIENCES
HSSC-II

SECTION – A (Marks 08)

Time allowed: 15 Minutes

Section – A is compulsory. All parts of this section are to be answered on this page and handed over to the Centre Superintendent. Deleting/overwriting is not allowed.

Do not use lead pencil.

حصہ اوّل لازمی ہے۔اس کے جوابات اسی صفحہ پر دے کر ناظم مرکز کے حوالے کریں۔کاٹ کر دوبارہ لکھنے کی اجازت نہیں ہے۔لیڈ پنسل کا استعمال ممنوع ہے۔

Answer Sheet No. _____ Candidate's Sign. _____ Invigilator's Sign. _____

Fill the relevant bubble against each question:

	Question	A	B	C	D	A	B	C	D
1.	What is the best thing to do in case one has a question about health care?	Research it on the internet	Ignore it and trust everything will workout	Speak up and ask heath care provider	Ask a friend or family member to find the answer	○	○	○	○
2.	Which of the following is billionth of second?	Microsecond	Nanosecond	Millisecond	Giga second	○	○	○	○
3.	All of the following are example of real security and privacy risks except:	Viruses	Hackers	Spam	Identity theft	○	○	○	○
4.	The term "**Pentium**" is related to:	DVD	Hard disk	Microprocessor	Mouse	○	○	○	○
5.	The frequency of Ultrasound is:	Lower than 20,000 Hz	Higher than 20,000 Hz	Lower than 10,000 Hz	Higher than 10,000 Hz	○	○	○	○
6.	What type of process creates a smaller file that is faster over the internet?	Compression	Fragmentation	Encapsulation	Unzipping	○	○	○	○
7.	Which of the following is known as Risk current?	Induced Current	Leakage current	Resistive current	Inductive current	○	○	○	○
8.	A vertical line of cells in MS Excel is:	Row	Formula bar	Column	Worksheet	○	○	○	○

APPLIED SCIENCES
HSSC-II

Time allowed: 2:15 Hours **Total Marks: 32**

Note: Answer all parts from Section "B" and all questions from Section 'C' on the **E-sheet**. Write your answers on the allotted/given spaces.

SECTION -B (Marks 20)

Q. 2	**Attempt the following questions.**				**(10 x 2 =20)**
(i)	What is meant by patient safety?	2	**OR**	What is Macro shock?	2
(ii)	List any two input devices.	2	**OR**	What is software? Give any one example.	2
(iii)	What are the main functions of an operating system?	2	**OR**	Write any two types of printer.	2
(iv)	What are RAM and Wizard?	2	**OR**	Write the radiation safety principles.	2
(v)	Write about any two types of infection.	2	**OR**	What is hazard surveillance?	2
(vi)	What is MIS?	2	**OR**	A current of 0.75 A is drawn by the filament of an electric bub for 10 minutes. Find the amount of electric charge that flows through the circuit.	2
(vii)	What are microwaves?	2	**OR**	What are pathogenic microorganisms?	2
(viii)	Write a short note on pacemaker devices.	2	**OR**	Write main functions of diathermy.	2
(ix)	Write any two uses of internet.	2	**OR**	Differentiate between information and Data.	2
(x)	Write four classifications of keyboard.	2	**OR**	Enlist two word processing tools with their use.	2

SECTION -C (Marks 12)

Q. 2	**Attempt all questions. Marks of each question are given along with each question.**				**(2x6 =12)**
(i)	Write a note on electrical safety and its physiological effects in detail	6	**OR**	Explain the structure, working and application of Wide Area Network (WAN).	6
(ii)	Discuss CPU. Describe how sectors and tracks help the hard disk to store data.	6	**OR**	Discuss the workplace hazards and methods of protection.	6