

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.

# COMPUTER SCIENCE

## HSSC-I

### SECTION - A (Marks 15)

Time allowed: 20 Minutes

ہر سوال کے سامنے دیے گئے درست دائرہ کو پر کریں۔  
کریں گات کر دوا دے گئے کا ہمارے میں سے لڑ کر اصل کا استعمال ممتنع ہے۔  
ہندہ اول لازمی ہے۔ اصل کے جوابات اس مسئلہ پر دے کر نام تحریر کر کے دوائے

Fill the relevant bubble against each question:

- Which of the following is an example of embedded computing device?  
☐ Keyboard ☐ Washing Machine ☐ Mouse ☐ Trackball
- Which of the following is used to process complex calculations and designing of complicated machines?  
☐ Mini computer ☐ Micro computer ☐ Personal computer ☐ Super computer
- Which of the following types of optical disks can store more than 100 GB of data?  
☐ Blu-ray disk ☐ Digital video disk ☐ Compact disk ☐ Floppy disk
- A type of memory that needs frequent power refreshing to retain its charge is called:  
☐ Programmable ROM ☐ Magneto resistive RAM ☐ Dynamic RAM ☐ Static RAM
- The part of computer system that can hold data temporarily during processing is called:  
☐ Register ☐ ROM ☐ Optical disk ☐ Hard disk
- Which of the following registers holds program instruction that are fetched from the memory for execution?  
☐ Memory Address Register ☐ Memory Buffer Register ☐ Program Counter Register ☐ Instruction Register
- The expansion card which is required to run multimedia application on a computer is:  
☐ Gigabit card ☐ Network interface card ☐ Video graphic card ☐ Modem card
- An interface or connection point through which peripheral devices connect to the computer is called:  
☐ Expansion slots ☐ Port ☐ Modem ☐ System Bus
- TCP and UDP protocols are used at the following layer:  
☐ Session layer ☐ Application layer ☐ Network layer ☐ Transport layer
- To setup a computer lab of 25 computers which class of IP address is suitable?  
☐ Class A ☐ Class B ☐ Class C ☐ Class D
- Which of the following satellite systems is located above Low Earth Orbit and Below Geostationary Earth Orbit?  
☐ Geostationary Earth Orbit ☐ High Earth Orbit ☐ Medium Earth Orbit ☐ Low Earth Orbit
- A Radio Frequency (RF) communication system consists of two components known as:  
☐ Transmitter and receiver ☐ Transmitter and medium ☐ Transmitter and transceiver ☐ Receiver and medium
- Which of the following database languages is used to insert, update and delete data in database?  
☐ DDL ☐ DML ☐ DCL ☐ DXL
- The maximum number of an instance of one entity associated with each instance of related entity is called:  
☐ Unary relationship ☐ Modality ☐ Cardinality ☐ Relational schema
- Which type of query is used to extract data from tables based on specified criteria?  
☐ Action query ☐ Select query ☐ Update query ☐ Insert query