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Version No.			
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Answer Sheet No. \_\_\_\_\_

Sign. of Candidate \_\_\_\_\_

Sign. of Invigilator \_\_\_\_\_

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**

حصہ اول لازمی ہے۔ اس کے جوابات اسی صفحہ پر دے کر ناظم مرکز کے حوالے کریں۔ گات کردہ بارہ گنتے کی اجازت نہیں ہے۔ لیڈ پنسل کا استعمال ممنوع ہے۔

Fill the relevant bubble against each question:

ہر سوال کے سامنے دیے گئے درست دائرہ کو پر کریں۔

1. Which of the following is an example of embedded computing device?  Keyboard  Digital Washing Machine  Mouse  Trackball
2. Which of the following is used to process complex calculations and designing of complicated machines?  Mini computer  Micro computer  Personal computer  Super computer
3. 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
4. A type of memory that needs frequent power refreshing to retain its charge is called:  Programmable ROM  Magneto resistive RAM  Dynamic RAM  Static RAM
5. The part of computer system that can hold data temporarily during processing is called:  Register  ROM  Optical disk  Hard disk
6. Which of the following registers holds program instruction that are fetched from the memory for execution?  Address Register  Memory Buffer Register  Program Counter Register  Instruction Register
7. The expansion card which is required to run multimedia application on a computer is:  Gigabit card  Network interface card  Video graphic card  Modem card
8. An interface or connection point through which peripheral devices connect to the computer is called:  Expansion slots  Port  Modem  System Bus
9. TCP and UDP protocols are used at the following layer:  Session layer  Application layer  Network layer  Transport layer
10. To setup a computer lab of 25 computers which class of IP address is suitable?  Class A  Class B  Class C  Class D
11. 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
12. A Radio Frequency (RF) communication system consists of two components known as:  Transmitter and receiver  Transmitter and medium  Transmitter and transceiver  Receiver and medium
13. Which of the following database languages is used to insert, update and delete data in database?  DDL  DML  DCL  DXL
14. The maximum number of an instance of one entity associated with each instance of related entity is called:  Unary relationship  Modality  Cardinality  Relational schema
15. Which type of query is used to extract data from tables based on specified criteria?  Action query  Select query  Update query  Insert query

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ہر سوال کے سامنے دیے گئے درست دائرہ کو پر کریں۔

Fill the relevant bubble against each question:

1. Which part of computer system is responsible to perform arithmetic and logic operations?  Keyboard  Mouse  Central Processing Unit  Monitor
2. The intermediate form between hardware and software is:  Shareware  Firmware  Freeware  Trial-ware
3. One (1) terabytes is equal to:  1024<sup>4</sup> bytes  1024<sup>2</sup> bytes  1024<sup>6</sup> bytes  1024 bytes
4. Which of the following topologies is the most suitable to make network of 5 computers?  Tree topology  Bus topology  Ring topology  Mesh topology
5. The data transfer instruction MOV A, B will:  Load values of register A to register B  Move values of register B to register A  Move values of register A to register B  Move values of A & B to Memory Buffer Register
6. STOP and Halt are examples of:  Zero address instruction format  One address instruction format  Two address instruction format  Three address instruction format
7. Which of the following components of system unit is responsible to convert Alternating Current to Direct Current?  Central Processing Unit  Hard disk  Power supply  Motherboard
8. The fastest serial transmission port is:  Parallel port  LPT 1  USB port  Firewire port
9. Physical layer of OSI Model uses which of the following protocol?  X.25 & Ethernet  Point to point protocol  Net BIOS  TCP / IP
10. In packet switching network, each packet contains:  Protocol, sender address, sequence number  Sender address, destination address, sequence number  Protocol, sender address, destination address  Protocol, sender address
11. It is an example of line of sight communication:  WiMAX  WiFi  Infrared  Bluetooth
12. Wireless application protocol (WAP) is used to:  Provide internet access to wireless devices  Modify signal frequency  Convert messages from text to electronic signal  Increase signal strength
13. Creating users in RDBMS is the task of:  DDL  DML  DCL  DXL
14. is an example of:  Unary relationship  Binary relationship  Ternary relationship  Modality
15. Which of the following data types can store upto 255 characters?  Currency  Date and time  Memo  Text

