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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: 1024⁴ bytes 1024² bytes 1024⁶ 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

