

Model Paper Computer Science Objective

Intermediate Part – I (11th Class) Examination Session 2012-2013 and onward

Total marks: 17 Paper Code _____ Time Allowed: 20 minutes

Note:- You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

| Q No | Question | A | B | C | D |
|------|---|--------------------|---------------|-----------------|----------------------|
| 1 | A graphic tablet is commonly activated by | Finger | Joystick | Stylus | Trackball |
| 2 | Laser printer is an example of | Non impact | Impact | Inkjet | Dot matrix |
| 3 | The top most layer of OSI model is | Network | Session | Transport | Presentation |
| 4 | Which of the following is <u>NOT</u> a category of network | LAN | MAN | WAN | NAN |
| 5 | Analog signal is measured in | Volt | Hertz | WATTS | Digits |
| 6 | An important property of fiber optic cable is | Noise | Refraction | Interference | Attenuation |
| 7 | The fly-by-wire system is used in | Medical field | Airline field | Education field | Banking field |
| 8 | Many banks provide the facility of | CAD | CAM | ATM | CBT |
| 9 | Each location in primary storage is assigned a unique | Data | Field | Name | Address |
| 10 | All are types of Memory EXCEPT . | DRAM | SRAM | FRAM | ROM |
| 11 | The step that obtains next instruction from memory is called | Read | Fetch | Decode | Get |
| 12 | The maximum EXCEPT units ALU has? | 2 | 3 | 4 | 5 |
| 13 | Expansion cards are inserted into | Peripheral devices | Slots | CPU | Back of the computer |
| 14 | All of the following are biometric techniques EXCEPT | Badge | Retina | Face | Palm print |
| 15 | Another name for anti-virus is | Vaccine | Worm | Trojan horse | DES |
| 16 | Software can be removed/installed through: | Control panel | Installer | Debugger | Linker |
| 17 | Web pages are connected to one another using: | Hyperlinks | http | Interlink | Multimedia |

Model Paper Computer Science Subjective

Intermediate Part – I (11th Class) Examination Session 2012-2013 and onward

Total marks: 83

Time: 3:10 hours

SECTION -----I

2. Answer any Eight (08) parts from the followings:

8×2=16

- i) Differentiate between data and information.
- ii) Information Technology has made our world a global village. Justify.
- iii) Define barcode.
- iv) Write some benefits of using computer networks.
- v) Star topology is the best topology. Justify.
- vi) Internet is a single network. Explain
- vii) Define analog signal.
- viii) State data representation in computer.
- ix) Define ASCII code.
- x) Explain virus activation in computers.
- xi) Elaborate the importance of backup.
- xii) Give some causes of virus.

3. Answer any Eight (08) parts from the followings:

8×2=16

- i) Describe the function of Arithmetic and Logic Unit.
- ii) State the components included in the computer architecture.
- iii) Define DMA.
- iv) Explain the work of a computer.
- v) RAM is called volatile memory. Justify.
- vi) Differentiate between RAM and ROM.
- vii) Write down the names of different system buses.
- viii) Explain I/O devices.
- ix) Define word processor.
- x) State the use of clipboard in MS Word.
- xi) Elaborate the steps to identify rows and columns in MS Excel.
- xii) List any four functions used in MS Excel.

(P.T.O.)

4. Answer any Six (06) parts from the followings:

6×2=12

- i) Write some applications of ROBOT.
- ii) Banks can benefit from the use of computers. Explain.
- iii) Define video conferencing.
- iv) Explain Computer Simulation.
- v) Differentiate between CAD and CAM.
- vi) A computer need operating system. Justify.
- vii) Explain the statement Plug and Play.
- viii) State the process of creating web pages.
- ix) Describe search engine with examples.

SECTION -----II

Note: Attempt any three questions from the followings.

8×3=24

- 5. Explain different types of Non-Impact Printers. 08
- 6. Discuss different Network Models. 08
- 7. Briefly describe different guided media. 08
- 8. Explain Fetch-Decode-Execute cycle of CPU. 08
- 9. State the methods to protect a computer system from Virus. 08

SECTION -----III

(Practical Part)

Note: Attempt any three questions from the followings.

25

- 10. Write down the procedure to create a table in MS Word. Also write the Procedure to insert rows in table. 05
- 11. How chart is created in MS Excel? 05
- 12. Explain different ways for editing text in MS Word. 05
- 13. Write procedure for rotating and wrapping text in cell. 05
- 14. Write procedure to add printer in computer 05

Assessment Scheme

For Computer Science 11th Part I Session 2012-13 & ONWARD

Time: 03:30 hrs

Total Marks:- 100

| Sr. No | Chapters | Weightage | Distribution of Marks | M.C.Qs | | | | Short Answer Questions | | | | Essay Type Questions | | | | Questions relating to Practicals | | | |
|-----------|---------------------------------|-----------|--------------------------|--|---|---|----------------|--|---|---|----------------|--|---|---|----------------|--|-----------------------|--|--|
| | | | | Allotted Marks 17 | | | | Allotted Marks 44 | | | | Allotted Marks 24 | | | | Allotted Marks 15 | | | |
| | | | | Q. to be asked 17 Q. to be attempted 17 | | | | Q. to be asked 33 Q. to be attempted 22 | | | | Q. to be asked 5 Q. to be attempted 3 | | | | Q. to be asked 5 Q. to be attempted 3 | | | |
| | | | | Time Minutes 20 | | | | Time 03:10 Hours | | | | | | | | | | | |
| | | | | K | U | A | Total Marks | K | U | A | Total Marks | K | U | A | Total Marks | | | | |
| 1 | The Basic Concepts of IT | 10 % | 15 | 1 | 1 | - | 2 | 1 | 1 | 1 | 6 | - | - | - | 8 | Question No.10=5marks | | | |
| 2 | Information networks | 10 % | 15 | 1 | - | 1 | 2 | 1 | 2 | - | 6 | | | | 8 | | | | |
| 3 | Data Communication | 10 % | 15 | - | 1 | 1 | 2 | 2 | 1 | - | 6 | - | - | - | 8 | | Question No.11=5marks | | |
| 4 | Security copyright & the law | 10 % | 15 | 1 | - | 1 | 2 | 1 | 1 | 1 | 6 | - | - | - | 8 | | | | |
| 5 | Hardware & system software | 22 % | 28 | 2 | 2 | 1 | 5 | 4 | 2 | 2 | 16 | - | - | - | 8 | | Question No.12=5marks | | |
| 6 | Word processing | 10 % | 15 | - | - | - | - | - | 1 | 1 | 4 | - | - | - | - | | | | |
| 7 | Spread sheet | 10 % | 15 | - | - | - | - | 1 | - | 1 | 4 | - | - | - | - | | | | |
| 8 | Applications & use of Computer | 8 % | 12 | - | 1 | 1 | 2 | 1 | 1 | 3 | 10 | - | - | - | - | Question No.13=5marks | | | |
| 9 | Operating system (Windows) | 5 % | 5 | 1 | - | - | 1 | - | - | 2 | 4 | - | - | - | - | Question No.14=5marks | | | |
| 10 | Internet browsing & using email | 5 % | 5 | - | 1 | - | 1 | 1 | - | 1 | 4 | - | - | - | - | | | | |
| Total | | 100 % | 150 | 17 | | | | 66 | | | | 40 | | | | | | | |

Important Note:- 1) K= Knowledge.

U= Understanding / Comprehension.

A= Application & Analysis.

2) This scheme of Assessment is prepared as per 33% choice in short answer questions, essay questions & questions relating to practicals.

3) In order to promote the cause of concept based learning at least 10 % questions must be unseen or of daily life but relating to specified learning outcomes of Curricula & Syllabi. This portion will increase @ 10% annually but not more than 30%.

Q# 2 Ch # 1+2+3+6

Q#3 Ch # 5+8+9

Q#4 Ch # 4+7+10

4) The questions relating to practical will be asked from the practical Note Book as per chapter were detail given in the curriculum and syllabi 2006.

5) The Practical will be conducted at the end of 10th Class which is mandatory to qualify for award of certificate.

The Practical assessment will be made in the form of grading as per following criteria.

A+= 90% & above, A=80% to 89%, B= 70% to 79%, C= 60% to 69%, D= 50% to 59%, E= 40% to 49%, F= Fail = 40% & below