

D 30285

(Pages : 3)

Name.....

Reg. No.....

**FIFTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

English

ENG 5B 04—INFORMATICS

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Answer the *ten* questions given below. Each question carries 1 mark :

1 Pick the odd one out :

- (a) BASIC.
- (b) COBOL.
- (c) FORTRAN.
- (d) Interpreter.

2 Indic Computing means _____.

- (a) Computing in India.
- (b) Computing in Malayalam.
- (c) Computing in Indian languages.
- (d) Computing in Hindi.

3 Which of the following is software ?

- (a) Laptop.
- (b) Netbook.
- (c) Nettop.
- (d) Linux.

4 Which kind of computer is used to predict weather and design supersonic aircrafts ?

- (a) Work station.
- (b) Super computers.
- (c) Server computers.
- (d) Mainframe.

5 M S Excel is a :

- (a) Spreadsheet tool.
- (b) Presentation tool.
- (c) Word processor tool.
- (d) Database tool.

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- 6 Which is the free Malayalam software ?
- (a) Arogyasree. (b) Kaveri.
(c) Nila. (d) Bharanamalayalam.
- 7 Pick the odd one out
- (a) Mouse. (b) Printer.
(c) Image scanner. (d) Keyboard.
- 8 The process of converting digital signal to analogue form is known as _____.
(a) Modulation. (b) Coding.
(c) Decoding. (d) Demodulation.
- 9 Hotmail was created by _____.
(a) Bill Gates. (b) Sabir Bhatia.
(c) Berners Lee. (d) None of the above.
- 10 _____ got its name in honour of King Harald the King of Denmark.
(a) Dot matrix. (b) Daisy wheel.
(c) Orkut. (d) Bluetooth.

(10 × 1 = 10 marks)

II. Answer any *ten* questions in two or three sentences each. Each question carries 2 marks :

- 11 How does a computer virus spread ?
- 12 What are the two major categories of software ?
- 13 What were the uses of ENIAC ?
- 14 What is meant by Workstations ?
- 15 Name some of the functions of OS.
- 16 What is social networking ?
- 17 What is C-DAC ?
- 18 What is Bluetooth ?
- 19 What is System software ?
- 20 What is booting ?

21 What is Moore's Law ?

22 What are Simputers ?

(10 × 2 = 20 marks)

III. Answer any four questions in a paragraph of 80 words each. Each question carries 5 marks :

23 What are the problems of localization in India ?

24 Mention a few advantages of online bookstores.

25 What do you mean by free software ?

26 What are the uses of Servers ?

27 What is a digitizing tablet and how is it used ?

28 What are the advantages of windows ?

(4 × 5 = 20 marks)

IV. Answer any *two* of the following questions in 300 words. Each question carries 15 marks :

29 What are the merits and demerits of online education ?

30 Write an essay on the security issues on the internet.

31 Write an essay on the five generations of computer.

32 What are the major components of a CPU ? Explain the functions of each.

(2 × 15 = 30 marks)

D 30285-A**(Pages : 4)****Name.....****Reg. No.....****FIFTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022****English****ENG 5B 04—INFORMATICS****(2017—2018 Admissions)****(Multiple Choice Questions for SDE Candidates)****Time : 15 Minutes****Total No. of Questions : 20****Maximum : 20 Marks****INSTRUCTIONS TO THE CANDIDATE**

1. This Question Paper carries Multiple Choice Questions from 1 to 20.
2. The candidate should check that the question paper supplied to him/her contains all the 20 questions in serial order.
3. Each question is provided with choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and enter it in the main answer-book.
4. The MCQ question paper will be supplied after the completion of the descriptive examination.

ENG 5B 04—INFORMATICS

(Multiple Choice Questions for SDE Candidates)

1. Who is called the father of modern Computing ?
 - (A) Claud Shannon.
 - (B) Charles Babbage.
 - (C) Presper Eckert.
 - (D) John Von Newman.
2. The following is not a characteristic of second generation computers :
 - (A) Transistors as basic components.
 - (B) Manual assembly of individual components.
 - (C) Programming was done in machine language.
 - (D) Limited commercial use.
3. Which of the following is not a computer ?
 - (A) ENIAC.
 - (B) FORTRAN.
 - (C) UNIVAL.
 - (D) ALGOL.
4. Manual integration of individual components into functioning units was required in _____.
 - (A) Fourth generation computers.
 - (B) Second generation computers.
 - (C) Third generation computers.
 - (D) Fifth generation computers.
5. Embedded computer system can be found in _____.
 - (A) Cars.
 - (B) Thermostats.
 - (C) Microwave Ovens.
 - (D) All of the above.
6. Amazon's e-book reader is called _____.
 - (A) Kindle.
 - (B) PDA.
 - (C) I pod.
 - (D) Smart phone.
7. Cryptography is used for _____.
 - (A) Privacy.
 - (B) Safety.
 - (C) Copyright purpose.
 - (D) All of the above.

8. Indic language support is necessary for all software sold in _____.
(A) Britain. (B) America.
(C) India. (D) France.
9. The numeronym for localization is _____.
(A) 110n. (B) 111n.
(C) 19n. (D) None of the above.
10. Which of the following is the International standard for character encoding ?
(A) ASCII. (B) ISCII.
(C) EBCDIC (D) Unicode.
11. Which of the following is not a portable computer ?
(A) Palm PC. (B) Nettop PC.
(C) Laptop PC. (D) Mainframe Computer.
12. The term 'memory' applies to which of the following ?
(A) Logic. (B) Output device.
(C) Control. (D) Storage.
13. The first six letters on a modern keyboard reads :
(A) QWERTY. (B) ASDFGH.
(C) ZXCVBN. (D) QAZWSX.
14. _____ printers use electro-mechanical mechanism that causes hammers or pins to strike against a ribbon and a paper to print the text.
(A) Impact printers. (B) Liquid inkjet printer.
(C) Laser printer. (D) None of the above.
15. Which of the following is not true of web browsers ?
(A) Browsers are primarily used to access the World Wide Web.
(B) Browsers can display any kind of content that can be part of a web page.
(C) Google is a popular web browser.
(D) Web browsers retrieve web pages from WWW using HTTP protocol.

Turn over

16. Pick the odd one out :

(A) Yahoo.

(C) Internet explorer.

(B) Bing.

(D) Google.

17. Pick the odd one out :

(A) Firefox.

(C) MSN.

(B) Lycos.

(D) Alta Vista.

18. Pick the odd one out :

(A) Encyclopedia Britannica.

(C) Wikipedia.

(B) World Book Encyclopedia.

(D) Google books.

19. Pick the odd one out :

(A) Amazon.

(C) Barnes and Noble.

(B) Google books.

(D) Alibris.

20. Which of the following is not true of a virtual university ?

(A) Flexibility.

(C) Accessibility.

(B) Cheaper.

(D) Enhanced technology.