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Kamala College, Kolhapur
(Autonomous)

B.C.A. (Part-I) (Semester-I)
Examination November, 2023.

NEP - 2020 Level – 5.0

IKS - Computer Science in Ancient India
Subject Code: IKS 111

Day and Date: Thursday, 09/11/2023
Time: 08.00 am to 09.00 am

Total Marks: 40

Instructions:

1. All questions are compulsory.
2. Each question carries 2 marks.
3. Choose the correct (a/b/c/d) from the given options and write in the box provided.

Q1) What was the name of first computer designed by Charlse Babbage?

- a) Analytical Engine b)Difference Engine c)Colossus d)ENIAC

Q 2) The _____ presents the first known description of a binary numeral system.

- a)Chandaḥśāstra b)Rugvedshastra c)Kautilyashatra d)Samvedshatra

Q 3) Which was the first electronics digital programmable computing device?

- a) Analytical Engine b)Difference Engine c)Colossus d)ENIAC

Q 4) Which was the first commercial computer?

- a) Ferranti Mark1 b)Difference Engine c)Colossus d)ENIAC

- Q5) In the late _____, Herman Hollerith invented data storage on punched cards that could then be read by a machine.
- a) 1860 b) 1900 c) 1890 d) 1880
- Q6) FORTRAN stands for _____.
- a) For b) Format c) Fork d) Formula
Translation Transformation Transformation Translation
- Q 7) _____ is used as a programming language in first generation computers?
- a) FORTRAN b) COBOL c) BASIC d) Machine Language
- Q 8) Pingala's work also includes material related to the Fibonacci numbers, called _____.
- a) matrameru b) shakyameru c) krishnmeru d) none of these
- Q 9) In, _____ the numbers start from number one, and not zero.
- a) Pingala's system b) binary system c) shakya's system d) All of these
- Q10) In the Aryabhata number system, the _____ letters from to carry values from 1 to 25.
- a) Sanskrit b) Tulu c) Samskritam d) All of these
- Q11) In 1837, The _____ had expandable memory, an arithmetic unit, and logic processing capabilities able to interpret a programming language with loops and conditional branching.
- a) Analytical Engine b) Difference Engine c) Colossus d) ENIAC
- Q12) The earliest known tool for use in computation was the _____.
- a) alamus b) abacus c) alacus d) none of these

Q13) Who invented the punch card?

- a) Charles Babbage b) Semen Korsakov c) Herman Hollerith d) Joseph Marie Jacquard

Q14) Which electronic components are used in First Generation Computers?

- a) Transistors b) Integrated Circuits c) Vacuum Tubes d) VLSI Microprocessor

Q15) _____ is used as a programming language in first generation computers.

- a) FORTRAN b) COBOL c) BASIC d) Machine Language

Q16) The word computer comes from _____.

- a) compute b) compote c) copute d) calculator

Q17) Which computer belongs to the first generation?

- a) ENIAC b) EDSAC c) EDVAC d) All of these

Q18) First microcomputer in the world is _____.

- a) ALTAIR8800 b) HP c) ENIAC d) UNIVAC

Q19) First Floppy disk was developed in _____.

- a) 1980 b) 1990 c) 1984 d) 1960

Q20) India's First Computer _____ made by electronics corporation of India.

- a) Siddharth b) Param c) C-DAC d) Microsoft

