Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021

Course Name - - Computer Applications in Pharmacy Course Code - BP205T

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- Diploma in Pharmacy
- Bachelor of Pharmacy
- B.TECH.(CSE)
- B.TECH.(ECE)
- BCA
- B.SC.(CS)
- B.SC.(BT)
- B.SC.(ANCS)
- B.SC.(HN)
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- B.A.(MW)
- BBA
- B.A.(JMC)
- BBA(HM)
- BBA(LLB)
- B.OPTOMETRY
- B.SC.(MB)
- B.SC.(MLT)
- B.SC.(MRIT)
- B.SC.(PA)
- LLB
- <u>B.SC</u>(IT)-AI
- B.SC.(MSJ)
- Bachelor of Physiotherapy
- B.SC.(AM)
- Dip.CSE
- Dip.ECE

DIP.EE

<u>DIP.ME</u>

_ .. . _ _

- PGDHM
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- M.A.(JMC)
- M.A.(ENG)
- M.SC.(MATH)
- M.SC.(MB)
- MCA
- M.SC.(MSJ)
- M.SC.(AM)
- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1. 2's complement of 101011110000 is

- 11101110110
- 10100001111
- 010100010000
- 01010100101010101

10. 2. A description of each function presented in the DFD is contained in a _____

Mark only one oval.

data flow
 process specification
 control specification
 data store

11. 3. Octal representation for the hexadecimal code F3A1 is

Mark only one oval.



12. 4. The input hexadecimal representation of 1110 is



- ____ 0E
- 14
- ⊂ F

13. 5. Which one of the following is not a phase of Prototyping Model?

Mark only one oval.

Quick Design

Coding

- Prototype Refinement
- Engineer Product

14. 6. 1's compliment of 1100 is

Mark only one oval.

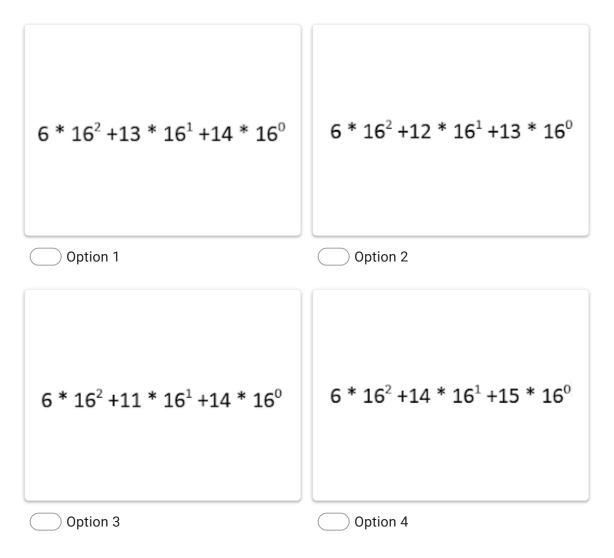


15. 7. MSB stands for

- Multiple Significant Bit
- Multiple Significant Byte
- 📃 Most Significant Bit
- None of them

16. 8. Representation of hexadecimal number (6DE)H in decimal:

Mark only one oval.



17. 9. Which of the following is not an octal number?



18. 10. Any signed negative binary number is recognized by its _____

Mark only one oval.

MSB LSB Byte Nibble

19. 11. Which of the following is a phase of SDLC?

Mark only one oval.

- Requirement gathering
- Maintenance
- 🔵 Analysis
- All of these
- 20. 12. 2's complement of 1 is



- 1
- 00
- 11

21. 13. Which of the following is not a type of number system?

Mark only one oval.

Positional

- Non-Positional
- 🔵 Octal

Fractional

22. 14. A COCOMO model is _____.

Mark only one oval.

- Common Cost Estimation Model.
- Constructive Cost Estimation Model.
- Complete Cost Estimation Model.
- Comprehensive Cost Estimation Model
- 23. 15. What do you call them in binary multiplication?

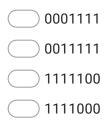
Mark only one oval.

Multipliers

- Multiplicands
- Partial Products
- Both Multipliers and Multiplicands

24. 16. The result obtained on binary multiplication of 1010 * 1100 is _____

Mark only one oval.



25. 17. The multiplication of 110 * 111 is performed. What is a general term used for 111?

Mark only one oval.

- Dividend
 Quotient
 Multiplicand
- Multiplier
- 26. 18. In SDLC the phase 1 is

Mark only one oval.

Testing

Maintenance

Requirement collection and analysis

None of them

27. 19. Correct Sequence of SDLC

Mark only one oval.

Requirement collection and analysis - Feasibility study Design - Cost Estimation – Coding – Testing - Installation/Deployment - Maintenance

Maintenance - Coding - Requirement collection and analysis - Feasibility study Design - Cost Estimation - Testing - Installation/Deployment

Cost Estimation - Testing - Requirement collection and analysis - Feasibility study Design – Coding - Installation /Deployment - Maintenance

None of them

28. 20. Which of the following allows user to view a webpage?

Mark only one oval.

Operating System

🔵 Website

- Interpreter
- Internet Browser

29. 21. DFD stands for

- 🔵 Data Flow Diagram
- Data Flow Design
- 🔵 Date Free Design
- None of them

| 30. | 22. ALL HTML tags are enclosed in what | ? |
|-----|--|---|
| | | |

Mark only one oval.

- # and #
- ? and !
- < and >
- (and)
- 31. 23. To create HTML page, you need

Mark only one oval.

- Web browser
- _____ text editor
- Both Web browser & text editor
- None of these
- 32. 24. What does XML stand for?

- 🔵 eXtra Modern Link
- eXtensible Markup Language
- Example Markup Language
- 📃 X-Markup Language

33. 25. Full form of HTTPS

Mark only one oval.

- Hypertext Transferring Process Secure
- Hypertext Transfer Protocol Secure
- Hypertext Transmit Protocol Socket
- None of these

34. 26. SQL stands for

Mark only one oval.

- Structured Query Language
- Structured Queue Language
- System Query Language
- None of them

35. 27. Full form of DBMS

- 📃 Database Management System
- Database Management Software
- 📃 Database Manager System
- None of them

36. 28. The headings for an HTML document from level ____ to level ____

Mark only one oval.

| \square |) 1 to 6 |
|-----------|-------------|
| \square |) 1,6 |
| \square | Unknown |
| \square | As per wish |

37. 29. Example of search engine

Mark only one oval.

- Google Bing
- Ask
- All of them
- 38. 30. FTP stands for

- File Transfer Protocol
- File Transmit Protocol
- File Transaction Protocol
- None of them

39. 31. Role of a Project manager

Mark only one oval.

- Planning and Defining Scope
- Developing Schedules
- Cost Estimating
- All of these

40. 32. Example of Multi-Valued attribute

Mark only one oval.

- name
- Contact number
- None of them
- 41. 33. Example of derived attribute

- Contact number
- 🔵 Mail id
- salary
- 🔵 age

42. 34. The movement of drug absorption, distribution, metabolism and elimination and their relationship with the pharmacological, therapeutically or toxicological responses in man on animals is called

Mark only one oval.

Pharmacodynamics

- Pharmacokinetics
- Pharmacotherapeutics
- Pharmacogenomics
- 43. 35. Development of biological sampling techniques, analytical methods for measurement of drug concentration in biological samples is designated as-

Mark only one oval.

| Experimental | aspect | of | ΡK |
|--------------|--------|----|----|
|--------------|--------|----|----|

Therapeutical aspect of PK

Both Experimental aspect of PK & Therapeutical aspect of PK

Pharmacokinetics

44. 36.

t_{max means____}

- Total amount of drug reaches to the systemic circulation
- Total time required to eliminate drug from the systemic circulation
- Time to reach peak plasma concentration
- Drug concentration which is maximum in the course of single dose

45. 37.

Cmax is defined as

Mark only one oval.

- Total amount of drug reaches to the systemic circulation
- Total time required to eliminate drug from the systemic circulation
- Time to reach peak plasma concentration
- Drug concentration which is maximum in the course of single dose
- 46. 38. Calculate the AUC of the given plasma data. (At time 0, 4 and 6 corresponding concentrations are 0, 54.08 and 22.25 ng/ml respectively)

Mark only one oval.

184.49

76.33

22.25

- 108.16
- 47. 39. Which of the following is used for calculation of plasma drug concentration?

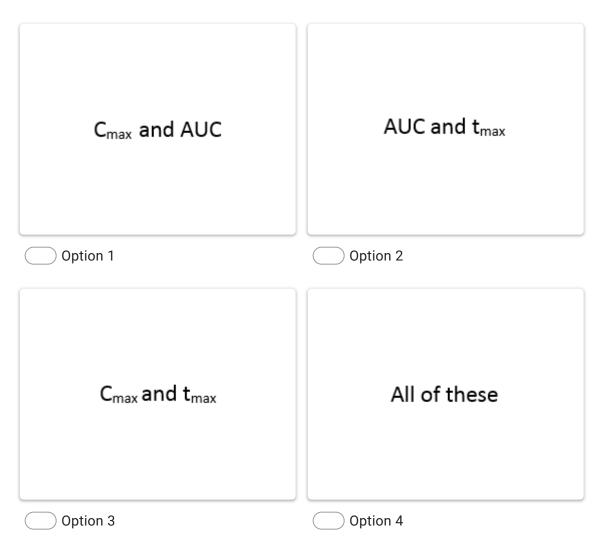
- Boltzman theory
- Arrhenius theory
- Trapezoidal theory
- None of these

48. 40. Which of the following software is used for Pharmacokinetics?

Mark only one oval.



49. 41. Which of the following Pharmacokinetic parameters can be observed simultaneously at single point?



50. 42. What does thetag add to your webpage?

Mark only one oval.

Long break

- Paragraph break
- 📃 Line break
- None of the above

51. 43. In DFD process represent by

Mark only one oval.

_____ circle

_____ rectangle

🔵 triangle

🔵 dot

52. 44. CSS refers

- Cascad Style Sheets
- Cascading Style Sheets
- Cascading Style Scheme
- None of them

53. 45. Which of the following is a web server?

Mark only one oval.

Apache tomcat

_____ firefox

- internet explorer
- Google chrome
- 54. 46. Octal number system is a

Mark only one oval.

- Positive number system with weights 0 to 9
- Positive number system with weights 0 to 9 and A to F
- Positive number system with weights 0 to 15
- Positive number system with weights 0 to 16
- 55. 47. What an article element should not contain?

- Main element
- Text or embedded content
- 🔵 Image
- 📃 Video & Audio

56. 48. Which feature was already introduced before HTML5?

Mark only one oval.

| \bigcirc | Canvas/SVG |
|------------|-------------|
| \bigcirc | Video |
| \bigcirc | Geolocation |
| \bigcirc | Frames |

57. 49. What application can one create even before the introduction of HTML5?

Mark only one oval.

| Web applications |
|---------------------|
| Mobile applications |
| Forms |

- Browser based games
- 58. 50. The hr tag in HTML is used for -

Mark only one oval.

new line

🔵 vertical ruler

- new paragraph
- 🔵 horizontal ruler

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