

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

Course Name - --Computer Applications in Pharmacy

Course Code - BP205T

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- 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

Mark only one oval.

- 11101110110
- 10100001111
- 10100010000
- 1010101001010101

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.

- 171641
- 171692
- 161741
- 611714

12. 4. The input hexadecimal representation of 1110 is

Mark only one oval.

- 0111
- 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.

- 11
- 1101
- 1010
- 0

15. 7. MSB stands for

Mark only one oval.

- 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.

$$6 * 16^2 + 13 * 16^1 + 14 * 16^0$$

Option 1

$$6 * 16^2 + 12 * 16^1 + 13 * 16^0$$

Option 2

$$6 * 16^2 + 11 * 16^1 + 14 * 16^0$$

Option 3

$$6 * 16^2 + 14 * 16^1 + 15 * 16^0$$

Option 4

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

Mark only one oval.

10100011

5632

785632

75632

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

Mark only one oval.

- 0
- 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.

0001111

0011111

1111100

1111000

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

Mark only one oval.

- 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?

Mark only one oval.

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

Mark only one oval.

- 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.

- 1 to 6
- 1,6
- Unknown
- As per wish

37. 29. Example of search engine

Mark only one oval.

- Google
- Bing
- Ask
- All of them

38. 30. FTP stands for

Mark only one oval.

- 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
- DOB
- Contact number
- None of them

41. 33. Example of derived attribute

Mark only one oval.

- 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 PK
 Therapeutical aspect of PK
 Both Experimental aspect of PK & Therapeutical aspect of PK
 Pharmacokinetics

44. 36.

t_{max} means _____

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

45. 37.

C_{max} 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?

Mark only one oval.

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

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

Mark only one oval.

- PK-Solver
- RxKinetics
- Pharma-PK
- All of these

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

Mark only one oval.

C_{\max} and AUC

AUC and t_{\max}

Option 1

Option 2

C_{\max} and t_{\max}

All of these

Option 3

Option 4

50. 42. What does the tag 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

Mark only one oval.

- 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?

Mark only one oval.

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

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

Mark only one oval.

- Canvas/SVG
- Video
- Geolocation
- 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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