

# 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.(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

Option 1

AUC and  $t_{\max}$

Option 2

$C_{\max}$  and  $t_{\max}$

Option 3

All of these

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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