

QPCode

Reg.No :

Name :

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
MGU-UGP (HONOURS) EXAMINATION
SECOND SEMESTER
MG2DSCCMA100 AI-POWERED PRESENTATION TOOLS AND TECHNIQUES
(2024 ADMISSION ONWARDS)

Duration: 1.5 Hours

Maximum Marks: 50

*Understand Remember(K), Understand(U), Apply(A), Analyse(An), Evaluate(E), Create(C), Skill(S),
Interest(I) and Appreciation(Ap)*

Students should attempt at least one question from each course outcome to enhance their overall outcome attainability.

Part A

MCQ

Answer all questions

Each question carries 1 mark

1. What is a key advantage of using LibreOffice Impress over proprietary presentation software? [K][CO1]
 - a) It requires an internet connection
 - b) It is open-source and free
 - c) It can only be used on Linux
 - d) It does not support multimedia
2. Which of the following is the primary purpose of LibreOffice Impress? [K][CO1]
 - e) Writing documents
 - f) Editing photos
 - g) Creating spreadsheets
 - h) Making presentations
3. A designer is working on a company presentation and wants all slides to follow a uniform structure with predefined content placeholders. What is the best approach? [K][CO1]
 - a) Create each slide from scratch
 - b) Use Master Slides
 - c) Apply a different layout to each slide
 - d) Manually copy and paste text boxes across slides
4. What is the default alignment for text when added to a slide in LibreOffice Impress? [K][CO1]
 - a) Justified
 - b) Center
 - c) Left
 - d) Right

5. A designer wants to use a gradient background on specific slides while keeping a solid color on others. What is the best way to do this? [K][CO1]
- a) Use Slide Properties to apply a custom background
 - b) Use an image instead of a background
 - c) Change the background for all slides
 - d) Apply the gradient using the Master Slide
6. What is the main purpose of slide transitions in LibreOffice Impress? [K][CO1]
- a) To animate individual objects on a slide
 - b) To change the font style of text
 - c) To create smooth visual effects between slides
 - d) To insert new slides automatically
7. What is the default file format for presentations created in Google Slides? [K][CO2]
- a) .pptx
 - b) .gslides
 - c) .odp
 - d) .docx
8. Which of the following is the main area where you create and edit slides in Google Slides? [K][CO2]
- a) Slide Navigator
 - b) Slide Navigator
 - c) Menu Bar
 - d) Toolbar
9. Where are Google Slides presentations automatically saved? [K][CO2]
- a) On your computer's desktop
 - b) In Google Drive
 - c) In Microsoft OneDrive
 - d) In a USB drive
10. Identify the menu option used to insert an image in Google Slides. [U][CO2]
- a) Slide > Add
 - b) File > Open
 - c) Insert > Image
 - d) View > Images
11. Define a theme in Google Slides. [U][CO2]
- a) A type of animation
 - b) A pre-designed set of layouts, colors, and fonts for presentations
 - c) A background sound
 - d) A slide transition effect
12. Identify the advanced feature that allows rotating an object at a custom angle. [U][CO2]
- a) Right-click > Rotate
 - b) Insert > Rotate
 - c) Change background
 - d) Change theme

13. What is the purpose of using add-ons in Google Slides? [K][CO2]
a) To extend functionality and add new features
b) To remove the built-in tools
c) To increase the file size
d) To make presentations incompatible with other devices
14. What are the key features of AI powered presentation [K][CO3]
a) Content Generation
b) Design Recommendation
c) Real Time Collaboration
d) All of the above
15. Advantage of incorporating AI into presentation [U][CO3]
a) Automatically suggesting better layouts and fonts
b) Removing animations from slides
c) Limiting the number of slides
d) Making slides unreadable
16. AI can be used for which of the following content creation [U][CO3]
a) Writing blog spot
b) Creating videos
c) Producing podcast
d) All of the above
17. What is the primary benefit of using AI in visual design? [K][CO3]
a) AI will stop working after one use
b) It makes all design look identical
c) It speeds up the design process and enhance creativity
d) It may generate incorrect or misleading information
18. What should you do after AI generates the presentation? [K][CO3]
a) Review and customize the content
b) Present it immediately without reviewing
c) Delete it and start over manually
d) Ignore any errors
19. What is an AI-generated presentation typically based on? [K][CO3]
a) User Preferences and Content Input
b) Predefined Fixed Templates
c) Manual Slide Editing
d) Randomly Selected Design
20. What does the 'Remix' feature in Plus AI do? [K][CO3]
a) Changes the language of the slides
b) Transforms existing slide content into different layouts
c) Adds background music to slides
d) Converts slides into text documents

[20 x 1 = 20]

Part B

Short Answer Questions

Answer any **10** questions

Each question carries **3** marks

21. Explain the basic interface of LibreOffice Impress. What are the key components visible when you open the software [U][CO1]

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|-----|--|----------|
| 22. | Explain different options such as background colours, fonts, and styles in LibreOffice Impress. How can users customize the design of slides in LibreOffice Impress? | [U][CO1] |
| 23. | What is a slide transition in LibreOffice Impress, and why is it important? | [K][CO1] |
| 24. | How do you edit an existing chart in LibreOffice Impress? | [K][CO1] |
| 25. | How can you duplicate a slide in Google Slides? | [K][CO2] |
| 26. | List the steps followed to import a presentation from Microsoft PowerPoint into Google Slides. | [K][CO2] |
| 27. | Outline the steps to import data from a sheet for creating dynamic charts. | [U][CO2] |
| 28. | Explain how a presenter can utilize speaker notes during a presentation. | [U][CO2] |
| 29. | What are the factors should be considered when preparing content for an AI-generated presentation? | [K][CO3] |
| 30. | How can AI-powered voiceovers improve slide presentations? | [K][CO3] |
| 31. | Can Magic Design create slides from a text prompt? | [U][CO3] |
| 32. | What are the design features of Gamma AI? | [K][CO3] |

[10 x 3 = 30]

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SECOND SEMESTER EXAMINATION

(2024 ADMISSION ONWARDS)

MG2DSCCMA101 - RESPONSIVE WEB DESIGNING

Duration: 1.5 Hrs

Maximum Marks:50

Students should attempt at least one question from each course outcome to enhance their overall outcome attainability.

Part A

Very short answer questions

Answer all questions

Each question carries 2 marks

- | | | |
|----|---|-------------|
| 1. | Differentiate between let, var, and const in JavaScript. | [U][CO1] |
| 2. | Identify the purpose of closures in JavaScript. | [U][CO1] |
| 3. | How do you select an element with an ID in jQuery? | [U][CO2] |
| 4. | Recognize the jQuery method used to change the text inside an HTML element. | [U][CO2] |
| 5. | Can you explain the steps to create a button using Bootstrap classes? | [U][CO3] |
| | | (5 x 2 =10) |

Part B

Short Answer Questions

Answer 5 Questions

Each question carries 5 marks

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|-----|--|----------|
| 6. | Could you describe the role and usage of functions in JavaScript? | [U][CO1] |
| 7. | How do the if...else and switch statements work in JavaScript? Provide an example. | [U][CO1] |
| 8. | How does Bootstrap's grid system work? | [U][CO3] |
| 9. | What are Bootstrap responsive utilities, and how do they help in designing websites? | [U][CO3] |
| 10. | Describe the different components available in Bootstrap for UI design. | [U][CO3] |
| 11. | Explain jQuery selectors and filters with proper examples. | [U][CO2] |
| 12. | How does Bootstrap handle typography, and why is it important for web design? | [U][CO3] |
| | | (5*5=25) |

Part C

Essay questions

Answer anyone question

Each question carries 15 marks

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|-----|--|-----------|
| 13. | Discuss the different types of loops in JavaScript with examples. | [U][CO1] |
| 14. | Discuss how jQuery can be used for form validation with an example code. | [U][CO2] |
| | | (1*15=15) |

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SECOND SEMESTER EXAMINATION

(2024 ADMISSION ONWARDS)

MG2DSCECC102 – **Fundamentals of OS and Linux**

Duration: 1.5hrs

Maximum Marks: 50

Students should attempt at least one question from each course outcome to enhance their overall attainability of the outcomes.

Part A

Very Short Answer Questions

Answer **All** Questions

Each question carries **1** mark

1. Write the system software that manages the hardware and software resources of a system. [K][CO1]
2. When a user requests a file from a remote computer, the system retrieves it over the network.
What OS component enables this function? [U][CO1]
3. How would you describe the reasons a process shifts from the 'running' state back to the 'ready' state? [U][CO2]
4. What is the name of the scheduler responsible for selecting processes from the ready queue for execution? [K][CO2]
5. Can you identify the scheduling algorithm that runs processes in the order of their arrival? [K] [CO2]
6. How does the Memory Management Unit (MMU) contribute to contiguous memory allocation? [U][CO3]
7. Name the type of fragmentation that occurs due to fixed partition sizes. [K][CO3]
8. What term is used to describe a structured collection of related information stored on secondary storage? [U][CO3]
9. Write the type of access method commonly used in magnetic tape storage. [K][CO3]
10. How would you describe the issue that arises when a file system using contiguous allocation lacks large free spaces? [U][CO3]

[10 x 1 = 10]

Part B

Short Essay Type Questions

Answer any **4** Questions

Each question carries **5** marks

11. Summarize the functions of the OS for a user. [U][CO1]
12. List and describe the four necessary conditions for deadlock to occur. [K][CO2]
13. Identify preemptive CPU scheduling algorithms and describe them. [U][CO2]
14. List the common file types recognized by an operating system. [K][CO3]
15. Compare LRU and Optimal page replacement algorithm with examples. [U][CO3]
16. Explain why linked allocation is better suited for files that frequently grow in size. [U][CO3]

[4x5 = 20]

Part C
Essay Type Questions
Answer any **2** Questions
Each question carries **10** marks

- | | |
|---|--------------|
| 17. Identify the different types of operating systems. | [U][CO1] |
| 18. Discuss a condition that causes a deadlock. Briefly describe the deadlock characterization. | [U][CO2] |
| 19. Explain the importance of file operations in file management. List five common types of files in an OS. | [U][CO3] |
| | [2 x 10= 20] |