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Reg.No :

Name :

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
MGU-UGP (HONOURS) Regular EXAMINATION October 2025
Third SEMESTER
Value Addition Course (VAC) - MG3DSESDV201 - INTRODUCTION TO
MEDIA FORMATS
(2024 ADMISSION ONWARDS)

Duration: 1 Hour 30 Minutes

Maximum Marks: 70

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

Very short answer

Answer any **8** questions

Each question carries **2** marks

1. Can you tell if a file was compressed using lossy or lossless compression just by looking at it? [U] / [CO1]
2. Define "clip description" metadata and its importance in media workflows. [U] / [CO2]
3. How can proxies improve the editing experience for editors with slower computers or systems? [A] / [CO3]
4. What is RAID 0, and what are its advantages and disadvantages in data storage? [A] / [CO4]
5. Why is it important to back up external drives regularly in professional media workflows? [A] / [CO2]
6. What is the primary function of a digital camera's sensor? [K] / [CO1]
7. How does the use of bins help in large-scale editing projects? [A] / [CO2]
8. How do proxies contribute to workflow efficiency? [U] / [CO3]
9. Explain how external drives can be integrated into a data recovery plan. [A] / [CO4]
10. What is the difference between .mov and .mp4 container formats? [U] / [CO1]

[2x8 = 16]

Part B

Short answer

Answer any **5** questions

Each question carries **6** marks

11. Describe the potential pitfalls when working with proxy media in editing software and how to avoid them. [A] / [CO3]
12. Compare different backup strategies for small-scale vs. large-scale productions, considering factors like budget, team size, and media storage requirements. [A] / [CO4]
13. Provide a comprehensive explanation of how to choose the right bitrate for a video project, considering factors like resolution, frame rate, and delivery method. [U] / [CO1]
14. How does Google Drive streamline media management for small teams working on collaborative editing projects? [A] / [CO2]
15. Discuss how resolution and bitrate influence the quality and performance of proxy files. Provide examples of different proxy formats. [A] / [CO3]
16. Compare the cost-effectiveness and scalability of cloud backups for large-scale media projects. What are some factors to consider when choosing a cloud storage provider? [A] / [CO4]
17. Compare and contrast the process of importing media versus ingesting media in a professional workflow. [A] / [CO2]

[6x5 = 30]

Part C

Essay

Answer any **2** questions

Each question carries **12** marks

18. Discuss how to resolve issues related to incompatible proxy formats or settings in an editing project. Provide steps to check and fix common compatibility issues between proxy and full-resolution media. [A] / [CO3]
19. Explain in detail the importance of implementing redundancy in backup systems and how it helps to prevent data loss in visual editing workflows. Provide examples of redundancy techniques used in RAID systems and mirrored drives. [A] / [CO4]
20. Describe a scenario where poor file organization led to significant delays or complications during post-production. How could this have been prevented through better media management practices? [A] / [CO2]

[12x2 = 24]