## **UG (NEP) 3rd SEMESTER**

## Information Technology (Major)

Time Allowed: 2:00 Hours

Max. Marks: 100 Min. Marks: 36

NOTE: ATTEMPT ALL QUESTIONS FROM SECTION "A" & "B" AND ONLY TWO QUESTIONS FROM SECTION "C"

Section - A: [Short Answer Type Questions] [Answer all Questions in maximum of 20 words each]  $(8 \times 2 = 16 \text{ Marks})$ 

What do you understand by the term 'FOSS'?

ii. Give examples of any three open-source softwares. >

iii. What is Drupal used for?

iv. What is GCC? 2

v. Who is the present CEO of GitHub Inc.?

Wi. Who is the founder of Wikipedia?

Wii. What does LAMP stand for?

viii. What is FreeBSD used for?

 $(4 \times 10 = 40 \text{ Marks})$ 

Section - B: [Medium Answer Type Questions]

[Answer all the Four Questions with internal choice in a maximum of 150 words each]

2. Compare and contrast Free source Vs Open-source software.

What is the role of open-source software in government?

lpha. "In open-source community, collaboration is the key to success". Discuss.  $\epsilon$ 

Discuss the various features of Apache web server?

4. What are the various ways of communicating on GitHub?

How can you contribute to Wikipedia?

5. Discuss in detail the containerization technologies.

Discuss the features of any two open-source operating systems.  $(2 \times 22 = 44 \text{ Marks})$ 

Section - C: [Long Answer Type Questions]

[Answer only Two Questions in a maximum of 400 words each]

6. Discuss the various principles and methodologies of open-source software that have reshaped the software landscape.

7. What is open-source hardware? How is open-source hardware licensed?

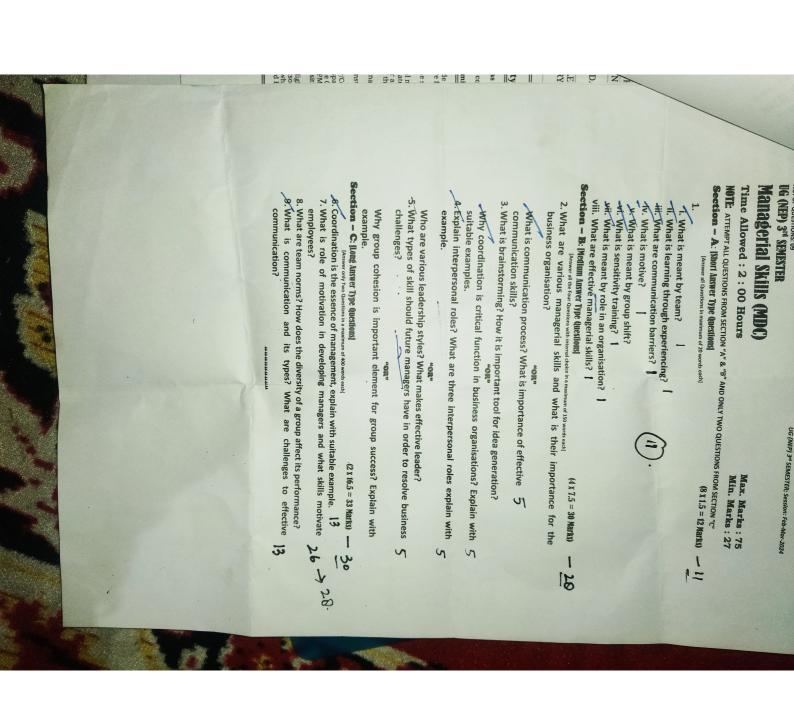
8. What is GitHub? Discuss its working in detail.

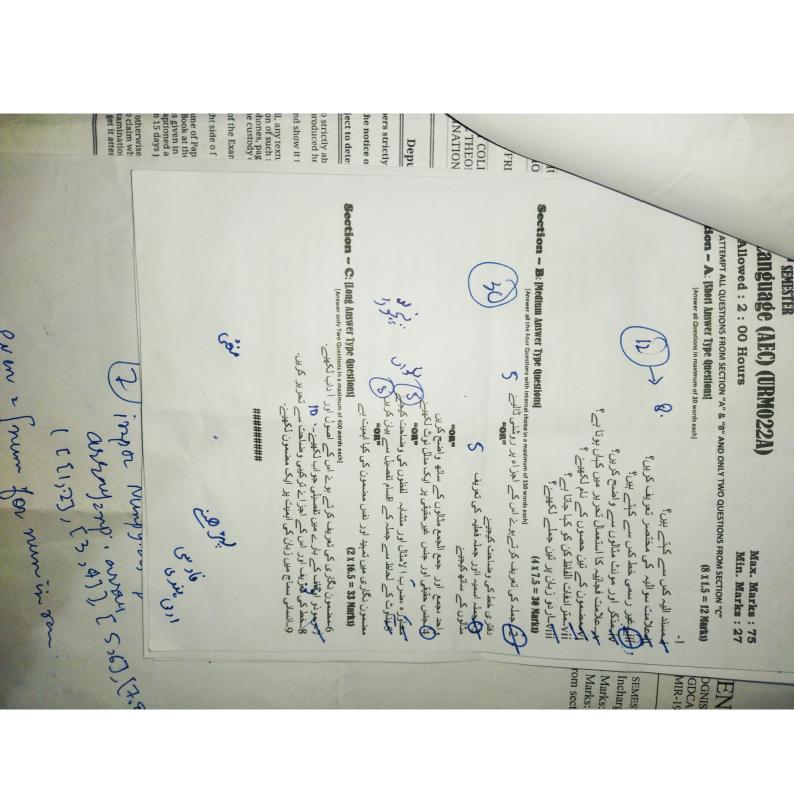
9. Discuss in detail the open-source database technologies.

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Section - C: [Long Answer Type Questions] Section B: [Medium Answer Type Questions] NOTE: ATTEMPT ALL QUESTIONS FROM SECTION "A" & "B" AND ONLY TWO QUESTION'S FROM SECTION "C"

(8 X 1 = 98 X 2) 7. Introduce major SUFI SILSILAS of India? 4 Time Allowed: 2:00 Hours (S) What is the contribution of Indian's in Medical Sciences? 6. Define Buddhism? What are its main teachings? LO 9. The Constitution of India is called a bag of borrowing. Discuss? 8. Differentiate between Moderates and Extremists of Indian National Congress? Aderstanding India (VAC) (UIN022V) 2. Discuss the concept and evolution of BHARATVARSHA? 3 3. Write a note on the emergence of VIJANAGAR Empire? That were the main causes of Revolt of 1857? iii. Introduce ARYABHATTA as a mathematician. ا (EP) 3rd SEMESTER vii. What is ATN'A NIRBAR BHARAT? I iii. Who was VARDAMANA MAHAVIRA? I Ti. Who was SUMADRAGUPTA? I vi. What does the term DIKUS mean? IY Who was RAJA RAJA CHOLA? I v. Define SUFFISIM? Astronomy? What were the main teachings of BRAHMO SAMAJ? 3 What is the contribution of Indian's in the field of Mathematics and What are the salient features of Indian Constitution? Define RIG VEDIC age? - L Compare Early VEDIC AGE with Later VEDIC AGE? [Answer only Two Questions in a maximum of 400 words each] [Answer all Questions in maximum of 20 words each] ######### UG (NEP) 3rd SEMESTER; Session: Feb-March-2024 Min. Marks: 18  $(2 \times 11 = 22 \text{ Marks})$ Max. Marks: 50 (4 x 5 = 20 Marks) (8 x 1 = 08 Marks)

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/Course,

ith and Wellness (VAC) 3" SEMESTER

me Allowed: 2:00 Hours

section - A: | Shert Answer Type Questions| TE: ATTEMPT ALL QUESTIONS FROM SECTION "A" & "B" AND ONLY TWO QUESTIONS FROM SECTION "C"

(Answer all Questions in maximum of 20 words each

Min. Marks: 18 Max. Marks: 50 (8 x 1 = 08 Marks)

What is a balanced diet? 1. Define the term "wellness"?

Mi. Define "stress"?

. What is spirituality?

v Define yoga.

wir What is processed food?

vii. Define the term "under nutrition".

Section - B: [Medium Answer Type Questions]

vill. Define posture. 2. Elaborate the role of spirituality in maintaining good health? 4

(4 x 5 = 20 Marks)

3. What are different factors effecting health and wellness? Describe briefly the term "asana" and "meditation"?

A Write short note on "anxiety" and "depression". What is balanced diet? What are different components of balanced diet?

a. What is physical fitness? What are types of physical fitness? Explain the role of sleep and rest in maintaining health?

10

Plaborate different factors effecting mental health.

 $(2 \times 11 = 22 \text{ Marks})$ 

Section - C: [Long Answer Type Questions]

6. What do you mean by sedentary lifestyle? What are the risk factors associated with sedentary lifestyle? 10

8. Define posture and postural deformities, Explain briefly different postural > Define health and wellness? Elaborate the importance of health and wellness deformities and their corrective measures? education?

9. "Drug addiction is a curse" justify the statement.

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