

FACULTY OF ENGINEERING
M.E. (Civil-SE, TE) II-Semester AICTE (Main &Re-Registered Students)
Examination, November 2021

Subject: Disaster Management

Time: 2 Hours

Max. Marks: 70

- Note: (i) First question is compulsory and answer any three questions from the remaining six questions.**
(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.
(iii) Missing data, if any, may suitably be assume.

- 1 Answer any four questions from the following: (4x4=16M)**
- (a) Enumerate the benefits of disaster resilience?
 - (b) Describe how disasters are with its magnitude and Intensity quantified.
 - (c) Enlist different types of Natural disasters?
 - (d) Illustrate how disaster prone areas especially for Avalanches are identified?
 - (e) Describe post disaster diseases?
 - (f) Explain Epidemics?
 - (g) Describe Disaster reduction techniques?
- 2**
- (a) Examine the classification of Disasters and evaluate the magnitude and frequency of Disasters. Discuss the factors causes for disasters. (9M)
 - (b) Explain the different types of impacts of disasters on society. (9M)
- 3**
- (a) Discuss the floods phenomenon in the Indian context and flood management practices in India? (9M)
 - (b) Discuss the phenomenon of Earth quakes and Industrial accidents? (9M)
- 4**
- (a) Illustrate landslides phenomenon and regions prone to cyclones. (9M)
 - (b) Describe Tsunamis and Droughts in India and mention strategies to control them? (9M)
- 5**
- (a) Explain the various applications of Remote sensing techniques in disaster studies? (9M)
 - (b) Discuss how Meteorological data helps in community preparedness for Disasters. (9M)
- 6**
- (a) Describe structural and non-structural mitigation measures adopted in developing Countries? (9M)
 - (b) Describe global and Regional cooperation in Disaster Risk assessment studies. Explain with a case study? (9M)
- 7**
- (a) Explain the strategies for mitigation of Nuclear Reactor disasters. (9M)
 - (b) Describe COVID 19 pandemic and measures to contain the spread of COVID. (9M)

FACULTY OF ENGINEERING**M.E.(EEE-PE,ECE-ES) / M.Tech (CSE-CSE) II-Semester (AICTE)****(Main& Re-Registered Students) Examination, November 2021****Subject: Pedagogy Studies****Time: 2 Hours****Max. Marks: 70****Note: (i) First question is compulsory and answer any three questions from the remaining six questions.****(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.****(iii) Missing data, if any, may suitably be assume.****1 Answer any four questions from the following : (4x4=16Marks)**

- (a) Define the term 'Pedagogy' 9M
- (b) What is concept of behaviorism methodology? 9M
- (c) What is the concept of Education for All and its goal? 9M
- (d) Mention the names of four models of curriculum 9M
- (e) 'Social Constructivism teaching methodology is a popular pedagogy'. Explain 9M
- (f) What is the two-stage process adopted for methodology? 9M
- (g) Why 'teacher-centered' teaching is termed as ineffective pedagogic practice? 9M
- 2(a) What Methodology is used for the in depth stage practice? 9M
- (b) 'Limited resources hamper teacher's effective teaching practice'. Explain 9M
- 3(a) Explain any three disabling factors for teacher education, support and curriculum 9M
- (b) How can good professional development be maintained? 9M
- 4(a) Write a brief note on the two models of pedagogy contrasted by Bernstein 9M
- (b) How is positive attitude developed through teacher training programs? 9M
- 5(a) Describe the conceptual framework with regard to effective pedagogical change? 9M
- (b) What is the role of the Head teacher in the professional development of a teacher? 9M
- 6(a) What is the evidence on the effectiveness of pedagogical practices with respect to teacher education? 9M
- (b) How does teacher attitude towards the students influence teaching pedagogy? 9M
- 7(a) What is the key reference point of the teacher? 9M
- (b) What are research gaps in Pedagogy? 9M

FACULTY OF ENGINEERING
M.E. (ECE-ES&VLSI) II-Semester (AICTE) (Main &Re-Registered Students)
Examination, November 2021

Subject: Stress Management by Yoga

Time: 2 Hours

Max. Marks: 70

Note: (i) First question is compulsory and answer any three questions from the remaining six questions.

(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.

(iii) Missing data, if any, may suitably be assume.

Answer any four questions from the following : (4x4=16M)

- (a) Explain the historical perspective of yoga.
 (b) What is Intense Anxiety?
 (c) Comment on role of pranayama on stress management.
 (d) List put any 3 Standing and 2 sitting asanas.
 (e) Explain the process of uttering AUM.
 (f) What is the significance of sooxma vyayam?
 (g) What is the Chandra Nadi and Surya Nadi siddi?
- 2 Discuss about Principles of Astanga yoga by Patanjali (18M)
- 3(a) Classify Stress and discuss about the effects of stress on health. (12M)
 (b) Write notes on stress management. (6M)
- 4(a) Write notes on Role of Asanas on stress management. (9M)
 (b) Discuss about different meditation methods which you know? (9M)
- 5(a) List out any 5 supine asanas and discuss the benefits of each asana along with necessary precautions to be taken. (10M)
 (b) Write the steps of Surya namaskara performed? (8M)
- 6(a) Explain the process of performing Anulom-vilom Pranayam and write its benefits. (9M)
 (b) Discuss about Quick relaxation technique. (9M)
- 7(a) Compare and contrast Deep relaxation technique and quick relaxation meditation techniques. (10M)
 (b) What are the basic rules to be followed prior to practicing Yoga daily? (8M)

FACULTY OF ENGINEERING**M.E(Civil-SE,EEE-PES,ECE-DS,ES,ES&VLSID,MECH) , M.Tech. (CSE-CSE) /****M.E(Civil-CM) II-Semester (AICTE) (Main &Re-Registered Students)****Examination, November 2021****Subject: Constitution of India and Fundamental Rights / Constitution of India****Time : 2 Hours****Max. Marks: 70****Note: (i) First question is compulsory and answer any three questions from the remaining six questions.****(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.****(iii) Missing data, if any, may suitably be assume.**

- 1 Answer any four questions from the following: (4x4=16Marks)**
- Length of Indian Constitution.
 - Definition of State.
 - Article 13.
 - Composition of Parliament.
 - Qualifications of a Supreme Court Judge.
 - Role of Gram Panchayat Secretary.
 - Article 324.
- 2**
- Explain the philosophical foundations of the Constitution. 9M
 - Write an essay on the enactment and enforcement of the Constitution by the constituent Assembly. 9M
- 3**
- What are fundamental Rights? Explain the significance of the Fundamental Rights. 9M
 - List out various Directive Principles enshrined in the Constitution. 9M
- 4**
- Give a detailed account of the powers and functions of the President. 9M
 - Examine the duties and responsibilities of the Council of Ministers. 9M
- 5**
- How a Supreme Court judge is appointed? Explain the process of removal of a Supreme Court judge. 9M
 - Discuss the salient features of the 73rd Constitutional Amendment Act of 1992. 9M
- 6**
- Explain the powers and functions of the Municipal Commissioner. 9M
 - Scrutinize the various powers conferred on the Election Commission of India 9M
- 7**
- Examine the establishment and functions of the National Commission for BCs. 9M
 - Write an essay on the Block level appointed officials and explain their role in the local administration. 9M
