

# National Board of Examinations

**Question Paper Name :** DNB General Medicine Paper4

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 1 Question Type : SUBJECTIVE**

- a) Extracorporeal membrane oxygenation - ECMO. [5]
- b) Non-invasive brain stimulation. [5]

**Question Number : 2 Question Type : SUBJECTIVE**

Discuss the indications of oxygen therapy in SARS-Cov2 infection. Describe various oxygen delivery devices used in clinical practice for management of such patients and outline their pros and cons. [3+(3+2+2)].

**Question Number : 3 Question Type : SUBJECTIVE**

Discuss the role of circadian biologic clock in health and disease states. [5+5]

**Question Number : 4 Question Type : SUBJECTIVE**

Describe the risk factors, pathophysiology and treatment measures for metabolic syndrome. [3+4+3]

**Question Number : 5 Question Type : SUBJECTIVE**

- a) Current management options in Alzheimer's disease. [5]

b) Role of GLP-1 agonists in the management of obesity. [5]

**Question Number : 6 Question Type : SUBJECTIVE**

Describe the natural history, pathogenesis and treatment options in non-alcoholic fatty liver disease. [3+3+4]

**Question Number : 7 Question Type : SUBJECTIVE**

a) Genetic testing for adult onset disorders. [5]

b) Anti-Integrins. [5]

**Question Number : 8 Question Type : SUBJECTIVE**

Discuss the current concepts on pathophysiology and management of idiopathic acquired aplastic anemia. [4+6]

**Question Number : 9 Question Type : SUBJECTIVE**

a) Management of acute decompensated heart failure. [5]

b) Check point inhibitors. [5]

**Question Number : 10 Question Type : SUBJECTIVE**

a) Cellular processes accompanying ageing. [5]

b) Current concepts in the management of ankylosing spondyloarthritis. [5]