

Second Professional B.S.M.S Degree Supplementary Examinations June 2025
Noi Nadal-II (Modern Pathology)
(2021 Scheme)

Time: 3 hrs

Max. Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

1. **Multiple Choice Questions**

(20x1=20)

The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- i. In the following which one is not a Causative organism for otitis media

a) Haemophilus influenza	b) Rhinosporidium Seebri
c) β - Streptococcus haemolyticus	d) Streptococcus pneumonia
- ii. Lipoma occur most often in

a) 2-3 decade	b) 3-4 decade	c) 4-5 decade	d) 5-7 decade
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- iii. Somogyi effect is associated with

a) Hyper Tension	b) Diabetes	c) Thyrotoxicosis	d) Hypopituitarism
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- iv. Hirano" bodies are found in

a) Alzheimer disease	b) Parkinson's	c) Multiple sclerosis	d) Neurosyphilis
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- v. Flask shaped ulcers are seen in large intestine in

a) Intestinal Tuberculosis	b) Amoebic dysentery
c) Bacillary dysentery	d) Enteric fever
- vi. Knife grinders of lung is associated by

a) Pneumoconiosis	b) Silicosis	c) Asbestosis	d) Berylliosis
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- vii. In Rheumatic heart disease which of the following one is frequently involved

a) Aortic valve	b) Mitral valve	c) Pulmonary valve	d) Tricuspid Valve
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- viii. Dohle bodies are seen in bacterial infections present in

a) Eosinophil	b) Lymphocyte	c) Neutrophils	d) Monocytes
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- ix. Which of the following is not a vitamin K dependent Coagulation factor

a) Factor II	b) Calcium factor	c) Factor X	d) Factor VII
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- x. Red cells of any age can be Parasitised by

a) Plasmodium Vivax	b) Plasmodium malariae
c) Plasmodium ovale	d) Plasmodium falciparum
- xi. If a chemical is mutagenic it will induce mutation in the mutant strains of in Ames test

a) Salmonella enteridis	b) Salmonella newport
c) Salmonella typhimurium	d) Salmonella Jarviana
- xii. In chronic myeloid leukemia which Proto-oncogene is translocated.

a) Cyclin D	b) Myc gene	c) ALKR gene	d) ABL-BCR
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- xiii. Which gas is dissolved in blood and tissue in divers working in diving bells except.

a) Nitrogen	b) Carbon monoxide
c) Carbon dioxide	d) Oxygen

(PTO)

xiv. Gamma-Gandy bodies is deposition of
a) Haemazoon
c) Haemosiderin & calcium salt
b) Haemosiderin
d) Porphyrins

xv. Which of the following is dependent oedema
a) Pulmonary oedema
c) Cerebral oedema
b) Cardiac oedema
d) Renal oedema

xvi. Squamous metaplasia of respiratory epithelium is a feature of
a) Vitamin C deficiency
c) Vitamin B deficiency
b) Vitamin A deficiency
d) Riboflavin deficiency

xvii. Dark ground illumination procedure is used to detect
a) Mycobacterium represe
c) Treponema pallidum
b) Brucella abortus
d) Clostridium donovani

xviii. Virchow lymph node is found at area due to cancers of stomach, colon, gallbladder
a) Inguinal area
c) Auxillary area
b) Pelvic area
d) Supraclavicular area

xix. Divers Palsy is an example of embolism
a) Fat embolism
c) Tumour embolism
b) Athero embolism
d) Gas embolism

xx. The Normal thickness of left Ventricular wall is
a) 3.1- 4 cm
b) 1.3 to 1.5cm
c) 0.5cm-1cm
d) Above 2.5cm

Short Answer Questions

$$(8 \times 5 = 40)$$

2. Diabetic Retinopathy
3. Radiation injury
4. Etiopathogenesis of Eczema
5. Polycystic ovarian disease
6. Thyrotoxicosis
7. Liver function tests
8. Heart failure
9. Structural chromosomal abnormalities

Long Answers Questions

$$(4 \times 10 = 40)$$

10. Write in detail about Vascular and Cellular events of acute inflammation
11. Discuss about Viral carcinogenesis
12. Discuss in detail about Pathogenesis and Stages of shock
13. Elaborate notes on left to right shunt cyanotic congenital heart diseases