PD-394

(573) M.Sc. MICROBIOLOGY (THIRD SEMESTER)

Examination Dec.-2020.

Compulsory/Optional

Group -

Paper - II

Name/Title of Paper- MEDICAL & VETERINARY MICROBIOLOGY

Time:- Three Hours **Maximum Marks- 080**

Minimum Passing Marks-029

नोट: दोनों खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित है।

Note: Answer From Both the Section as Directed. The Figures in the right-hand margin indicate marks.

Section-A

1. Answer the following questions: **1x10**

(a) Who is known as Father of medical microbiology?
(b) Which gland of skin is responsible for Acne vulgaris?
(c) Name there organisms that can cause pneumonia?
(d) Name the virulence factors produced by corynebucterium diphtheria?
(e) Give the name of two main exotoxin of clostridium difficult?
(f) Which fungal pathogen is found in soil having high nitrogen content?
(g) Give any two examples of superficial mycotes?
(h) Write the name of selective media for streptococci?
(i) What is the causative agent of foot and mouth disease?
(j) What causes necrotic enteritis in chickens?

2. Answer the following short-answer type questions: **2x5**

(a) Explain any two reasons of organized crime.
(b) Explain any two reasons of corruption.
(c) Explain any two types of Violent Crime.
(d) Write any two behavioural definition of crime.
(e) Explain any two objectives of punishment.

Section-B

Answer all questions: **15x4**

Unit-I

3. What factors make the following environments difficult to colonize:
(a) Skin (a) Trachea (a) Stomach

Or

Give a detail account on mechanom of bacterial adhesion colonization and invasion of mucous membranes of respiratory truests?

Unit-II

4. Write a note on MRSA.

Or

Describe morphological characteristics pathogens and laboratory diagnosis of vibrio.

Unit-III

5. What do you understand by deep mycoses? Describe any one type in detail.

Or

Give a detail account on epidemiology diagnosis symptoms and prevention of Trichophyton.

Unit-IV

6. Explain swine fever in detail

Or

Describe coccidiosis disuse their prevention and control.

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