

FIRST BUMS DEGREE EXAMINATIONS

ARABIC AND MANTIQA WA FAL (Model Question Paper)

Answer All the Questions.

Time: 3 Hours

Marks- 100

1- Essay.

(2x15=30)

1. Translate the following Arabic sentences into Urdu (Here we have keep to in Arabic fonts)

(Allahu mojudun. Allahu laisa begaebin.)	الله موجود . الله ليس بغائب .
(Allahu Rahimun. Allahu laisa bezalimin.)	الله رحيم . الله ليس بظالم .
(Al-Islam Haqqun. Al-Islam laisa bebatilin.)	الاسلام حق . الاسلام ليس بباطل .
(Al-Mao kathirun. Al-Mao laisa beqalilin.)	الماء كثير . الماء ليس بقليل .
(Al-ttin hulwun. Al-ttin laisa behamidhin.)	التين حلو . التين ليس بحامض .
(Al-Laimuno hamidhun. Al-Laimuno laisa behulwin.)	الليمون حامض . الليمون ليس بحلو .
(Al-ddarsu sahlun. Al-ddarsu laisa besaa'bin.)	الدرس سهل . الدرس ليس بصعب .

2. Mention the definition, aims and objectives of Mantique (logic) and also describe the importance of this subject in Tib (medicine)

2-Short notes.

(8x5=40)

3. What is Fael (verb) and its types by considering the (Zamana) tense

4. Describe Ismemaarifa (definite noun) and its types with examples

5. Make meaningful sentence of following words.(Arabic word in Arabic fonts)

(مندرجہ ذیل الفاظ کو جملوں میں استعمال کیجئے۔)

حيوان , فاكهة , لون , مفيد , طويل

6. Translate the following into Arabic(Urdu words in Urdu fonts)

سلام چھوٹے پر واجب ہے ۔ شکر انسان کے لئے لازم ہے ۔ لڑکا کہاں ہے ۔ وہ استاد ہے ۔ یہ کون ہے ؟

7. Define Dalalat (evidence) and its kinds with suitable examples

8. Write down the types of Quwa (energy) and Law of nature

9. Write down the proper definition of (Qayaas) hypothesis and also its kinds with examples

10. Write down the proper definition of any five of the following:

Bahas (Discussion), Istiqra (Induction), haiyula (Shape), Harkatwasukoon (movements and rest), Jism(body), Hikmat (Philosophy)

3-Answer Briefly.

(10x3=30)

- 11 Prepare the chart of *famrhazir* (present imperative verb).
- 12 Define *kalma tam* (perfect sentence) with example.
- 13 Write 3 examples for *Jumla Faeliya* (verbal sentence)
- 14 Write down the Arabic name of any six fruits
- 15 Prepare the chart of *FelNahi* (prohibitive verb)
- 16 Define *IlmulHay'at* (Astronomy) and its relation with Medicine
- 17 Give a brief explanation on *Kaunwafasaad* (Anabolism and Catabolism)
- 18 Define *IlmulNafs* (psychology) and enumerates its types
- 19 Give a brief introduction of (*Ahsas*) feelings
- 20 Diagrammatic presentation of *KhateSartan* (tropic of cancer), *KhateJaddi* (tropic of Capricorn), *KhateEstiwa* (equator), *KhatemintaqatulBuruj* (zodiac line)

FIRST BUMS DEGREE EXAMINATIONS

KULLIYAT UMOOR-E-TABIYA

(Model Question Paper)

Answer All the Questions

Time: 3 Hours

Marks- 100

I. Essay.

(2x15= 30)

- 1) Describe the number of Arkan (basic constituents) and concept of ArkanArba (four basic constituents) and their physical position in detail with related diagram.
- 2) Define the Mizaj (temperament) and its types in detail.

II. Short notes

(8x5= 40)

- 3 Define the Aza-e-Mufradah (simple organs) and its classification.
- 4 The different ideas regarding Aza-e-Mufradah (simple organs).
- 5 Definition of Ruh (pneuma) and its classification.
- 6 Functions of Ruh (pneuma) and its routes.
- 7 Enumerates the Hawas-e-KhamsaZahirawaBatina (five special senses and intellectual senses).
- 8 Definition and classification of Afa'al (functions) according to Quwwat (power).
- 9 Mizaj (temperament) of different ages and genders.
- 10 Classification of Anasir-e-Insaniyah (human elements).

III. Answer Briefly .

(10x3= 30)

11. Define the Arkan (basic constituents) and naming the ArkanArba (four basic constituents).
12. Describe the Imtizaj-e-SadawaHaqiqi (simple and real mixture).
13. What is Harart-e-Ghariziya (innate heat).
14. Definition of Tibb (medicine).
15. Define the Umoor-e-Tabiya (basic principles) in short.
16. What is Tabiyat (physic).
17. Describe the Asbab (causes).
18. What are the Aza-e-Khadima (subordinate organs).
19. Define the Uzu-e-MotiwaQabil (donor and recipient organs).
20. What is Quwwat-e-Ghaziya (nutritive power).

FIRST BUMS DEGREE EXAMINATIONS

Tashreehulbadan (Anatomy) Paper-I

(Model Question Paper)

Answer All the Questions.

Draw Diagram wherever necessary.

Time: 3 Hours

Marks- 100

1- Essay

(2x15= 30)

1. Describe the anatomy of Qalb (heart) in the following heads:

- a. Interior of heart (08)
- b. Blood supply and venous drainage (04)
- c. Nerve supply (03)

2. Describe the skull in the following heads:

- a. Name of skull bones (05)
- b. Orbital cavity (05)
- c. Craniometry points of the skull (05)

2- Short notes.

(8x5= 40)

- 3. The types and functions of Azlaat (muscles)
- 4. Qasbatu-r-Riya (trachea)
- 5. Riya-e-Aiman (right lung)
- 6. Describe Jauf-e-anaf (nasal cavity)
- 7. Describe the anatomy of asboon (neuron)
- 8. Describe the types of ezaam (bones)
- 9. Mafsal-e-sudagifakki (Tempomandibular joint).
- 10. General features of Hamila (atlas)

3- Answer Briefly

(10x3= 30)

- 11. Qaus-e-aorta (Arch of aorta)
- 12. Zaida-e-Sinni (odontoid process)
- 13. Ezam-e-Hawayiya (pneumatic bones)
- 14. Boundaries of masalis-e-unqiya (triangles of neck)
- 15. Marakiz-e-Ta'azzum (Centres of ossification)
- 16. Suqbabaizawiya (Foramen ovale)
- 17. Nisab-ul-Qas (manubrium sterni)
- 18. Describe the afa'al-e-ezam (functions of bones) in short
- 19. Attachments of azla-e-sadriya (pectoralis major)
- 20. Attachments of azla-e-qassi-tarqavi-hilmi (sternocleidomastoid)

FIRST BUMS DEGREE EXAMINATIONS

Tashreehulbadan (Anatomy) Paper-II

(Model Question Paper)

Answer All the Questions.

Draw Diagram wherever necessary.

Time: 3 Hours

Marks- 100

1- Essay

(2x15= 30)

1. Describe the anatomy of MafsaleRakba (knee joint) in the following heading:

2.

- a. Ligaments (05)
- b. Movements (05)
- c. Bony elements (05)

2. Explain the anatomy of Kulliyaaiman (right kidney) in the following heads:

- a. General features (07)
- b. Renal pelvis (05)
- c. Surface anatomy (03)

2- Short notes.

(8x5=40)

- 3. Hufra-e-mabazia (popliteal fossa)
- 4. Blood supply of Meda (stomach)
- 5. Attachments, movemts and nerve supply of Azla-e-rubayet-ul-raoos (quadriceps femoris muscle)
- 6 Anatomy of upper end of azm-ul-fakhiz (femur).
- 7 Formation of Nafakh-e-Rusghi (carpal tunnel) and structures passing through it.
- 8 Surb-e-Kabir (greater omentum)
- 9 Anatomy of Tihal (spleen)
- 10 Hufra-e-Mirfaqi (Cubital fossa)
- 11

3- Answer Briefly

(10x3=30)

- 11. Zaida-e-a'war (Vermiform appendix)
- 12. Hisas-e-batan (Regions of abdomen)
- 13. Haqq-ul-Warik (acetabulum)
- 14. Qanat-e-Urba (Inguinal canal)
- 15. Attachments of azlat-e-kunjaran (Muscles of back of thigh)
- 16. Izaam-e-qadam (Bones of the foot)
- 17. Anatomical snuff box
- 18. Second part of IsnaAshri (second part of Duodenum)
- 19. Mafsal-e-qassi-Tarqavi (sternoclavicular joint)
- 20. Ain-ul-Katif (glenoid cavity)

FIRST BUMS DEGREE EXAMINATIONS

MunafeulAza (Physiology)-Paper – I (Model Question Paper) Answer All the Questions. Draw Diagram wherever necessary

Time: 3 Hours

Marks- 100

I. Essay.

(2x15= 30)

1. Describe the mechanism of MafooliNaqal-o-HamalwaFaeliNaql-o-Hamal (passive and active transports) of substances through cell membrane with diagram depiction.
2. Define Injemadud dam (blood coagulation) and describe the mechanisms involved in blood coagulation.

II. Short notes.

(8x5= 40)

3. Describe the morphology and development of Kurriyat-e-Baiza (leukocytes).
4. Enumerate the factors involved in Injemadud dam (blood coagulation) and describe the intrinsic mechanism of blood coagulation.
5. The distribution and functions of Naseej-e-Bushra (epithelial tissue).
6. Describe the types and functions of Naseej-e-Wasil (connective tissue).
7. Enumerate the KhalwiUzu (cell organelles) and their functions.
8. Define the Taadul (homeostasis) and effect of various systems on homeostasis.
9. Define the Eaada (feedback) and explain the Manfi-wa-MusbatEaada (negative and positive feedback).
10. Explain the functions of Dam (blood).

III. Answer Briefly.

(10x3= 30)

11. Define the Dam (blood), its Ajza (constituents) and volume.
12. Mawad-e-Lahmiya (plasma proteins) and their functions.
13. Describe the composition and functions of Humratud Dam (hemoglobin).
14. Enumerate the types of Kurriyat-e-Baiza (white blood cells) and their functions.
15. The structure and functions of Aqras-e-Damwia (platelets).
16. Define the Khaliyaki Tabai waGhair Tabai Maut (apoptosis and necrosis).
17. Define the Hayateen (vitamin) and its types.
18. The functions of Tehal (spleen).
19. Define the Waqfa-e-JiryanaurWaqfa-e-Injemadud dam (bleeding and clotting time).
20. Describe the Inteqalud dam (blood transfusion).

FIRST BUMS DEGREE EXAMINATION

MunafeulAza (Physiology)-Paper II (Model Question Paper)

**Answer All the Questions.
Draw Diagram wherever necessary**

Time: 3 Hours

Marks- 100

I. Essay

(2x15= 30)

1. Enumerate the Ghudad-e-GhairNaqila (endocrine glands) and describe secretions and functions of Ghudad-e-Nukhamiya (Pituitary gland) in detail.
2. Describe the different stages of Bowl kiPaidaish (urine formation) in detail

II. Short notes.

(8x5= 40)

- 3 Explain the composition and functions of Rutubat-e-Banqras (pancreatic juice).
- 4 Describe the functions and regulation of Ifraz-e-Darqiya (thyroid hormones).
- 5 Give an account of Daura-e-Tams (menstrual cycle).
- 6 Explain the RihITabadilah (gaseous exchange) between blood and tissues.
- 7 Describe the structure of Asab (neuron) and the properties of nerve fibers.
- 8 Explain the mechanism of Sama'at (hearing).
- 9 Describe the Aml-e-Tabveez (Ovulation) in detail.
- 10 What is Bulooghat (puberty) in males

III. Answer Briefly.

(10x3= 30)

- 11 The functions of Kuliyaah (kidney).
- 12 Explain the structure of Kulviikai (nephron).
- 13 Describe the Uqda-e-Urooq (juxtglomerular) apparatus.
- 14 Define the Usr-e-Tanaffus (Dyspnea).
- 15 What is Jism-e-Asfar (corpus luteum)
- 16 Define the Inekas-e-Tabawwul (micturition reflex).
- 17 What is Alam-e-Asabi (Neuralgia)
- 18 The functions of Jild (skin).
- 19 Differences between IfraziGhudood (eccrine) glands and MuzibilIfrazGhudood (apocrine glands).
- 20 The functions of Kabid (liver).