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| <b>Science Lab.</b>          |
| <b>01910086922</b>           |
| <b>Sun-Wed-Thu-Fri Batch</b> |

# UNMESH Medical & Dental Admission Care

## Medical Admission Program 2025

**Step-02 : Class-Exam Routine (07 October - 04 November)**

| Batch-wise Routine Column |                |
|---------------------------|----------------|
| Batch Type                | Service Column |
| Offline                   | 1, 2, 3, 4, 5  |
| Online                    | 3, 4, 5        |
| Combo/Lite Combo          | 2, 3, 4, 5     |
| Exam Batch                | 2, 4, 5        |

| Date      | Day       | Service Column-1                                                                       | Service Column-2                        | Service Column-3                                                                                                           | Service Column-4                                      | Service Column-5                                 |                             |                   |
|-----------|-----------|----------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------|-----------------------------|-------------------|
|           |           | Offline Class<br>(Self-Batch Time)                                                     | Offline Daily Exam<br>(Self-Batch Time) | Marathon Live Class<br>EV-3:00pm & BV-7:30pm                                                                               | Daily Live Exam<br>(Same Day 11 pm to Next Day 11 pm) | Practice Exam<br>(Same Day 11 pm to Program End) |                             |                   |
| 7-Oct-25  | Tuesday   | P-05                                                                                   | C-05 (40) + GKE (10)                    | C-06 Part-02                                                                                                               | C-06 Part-02 (25) + Eng (5)                           | C-06 Part-02 (25)                                |                             |                   |
| 8-Oct-25  | Wednesday | GK-03                                                                                  | GK-02 (50)                              | C-07 Part-01                                                                                                               | C-07 Part-01 (25) + GK (5)                            | C-07 Part-01 (25)                                |                             |                   |
| 9-Oct-25  | Thursday  | P-06                                                                                   | P-05 (40) + GKE (10)                    | C-07 Part-02                                                                                                               | C-07 Part-02 (25) + Eng (5)                           | C-07 Part-02 (25)                                |                             |                   |
| 10-Oct-25 | Friday    | *HM-04                                                                                 | *HM-03 (20) + Wri (5)                   | E-04 Part-01+02                                                                                                            | E-04 Part-01+02 (50)                                  | E-04 (50)                                        |                             |                   |
|           |           | **Varsity 'Kha' Monthly Evaluation Test-01<br>(Week 1-4)                               |                                         | *HM-07 Part-01+02 (9 AM)                                                                                                   | *HM-07 Part-01+02 (20) + Wri (5)                      | HM-07 (30)                                       |                             |                   |
| 11-Oct-25 | Saturday  | Medical Offline Weekly Exam-05: (B <sub>5</sub> +C <sub>5</sub> +P <sub>5</sub> +GK+E) |                                         | Varsity 'Kha' Weekly Live Exam-05: (Ba+E+GK) [10 Oct-16 Oct]                                                               |                                                       | Varsity 'Kha' W-06 (60)                          |                             |                   |
| 12-Oct-25 | Sunday    | B-06                                                                                   | P-06 (40) + GKE (10)                    | P-07 Part-01                                                                                                               | P-07 Part-01 (25) + GK (5)                            | P-07 Part-01 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | P-07 Part-02                                                                                                               | P-07 Part-02 (25) + Eng (5)                           | P-07 Part-02 (25)                                |                             |                   |
| 13-Oct-25 | Monday    | E-03                                                                                   | GK-03 (50)                              | Medical Weekly Live Exam-06: (B <sub>6</sub> +C <sub>6</sub> +P <sub>6</sub> +GK+E) (12 Oct-18 Oct)                        |                                                       | Med. W-06 (100)                                  |                             |                   |
| 14-Oct-25 | Tuesday   | C-06                                                                                   | B-06 (40) + GKE (10)                    | Varsity 'Ka' Weekly Live Exam-06: (B <sub>6</sub> +C <sub>6</sub> +P <sub>6</sub> + HM <sub>6</sub> /Ba/E) [12 Oct-18 Oct] |                                                       | Varsity 'Ka' W-06 (60)                           |                             |                   |
| 15-Oct-25 | Wednesday | -                                                                                      | -                                       | B-07 Part-01                                                                                                               | B-07 Part-01 (25) + GK (5)                            | B-07 Part-01 (25)                                |                             |                   |
| 16-Oct-25 | Thursday  | C-06                                                                                   | B-06 (40) + GKE (10)                    | B-07 Part-02                                                                                                               | B-07 Part-02 (25) + Eng (5)                           | B-07 Part-02 (25)                                |                             |                   |
| 17-Oct-25 | Friday    | C-07                                                                                   | C-06 (40) + GKE (10)                    | C-08 Part-01                                                                                                               | C-08 Part-01 (25) + GK (5)                            | C-08 Part-01 (25)                                |                             |                   |
| 18-Oct-25 | Saturday  | C-07                                                                                   | C-06 (40) + GKE (10)                    | C-08 Part-02                                                                                                               | C-08 Part-02 (25) + Eng (5)                           | C-08 Part-02 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | GK-04 Part-01+02                                                                                                           | GK-04 Part-01+02 (50)                                 | GK-04 (50)                                       |                             |                   |
|           |           |                                                                                        |                                         | *HM-08 Part-01+02 (9 AM)                                                                                                   | *HM-08 Part-01+02 (20) + Wri (5)                      | HM-08 (30)                                       |                             |                   |
| 19-Oct-25 | Sunday    | **Varsity 'Kha' Offline Weekly Exam-05: (Ba+E+GK)                                      |                                         | Varsity 'Kha' Weekly Live Exam-06: (Ba+E+GK) [17 Oct-24 Oct]                                                               |                                                       | Varsity 'Kha' W-06 (60)                          |                             |                   |
| 20-Oct-25 | Monday    | Medical Offline Weekly Exam-06: (B <sub>6</sub> +C <sub>6</sub> +P <sub>6</sub> +GK+E) |                                         | P-08 Part-01                                                                                                               | P-08 Part-01 (25) + GK (5)                            | P-08 Part-01 (25)                                |                             |                   |
| 21-Oct-25 | Tuesday   | P-07                                                                                   | C-07 (40) + GKE (10)                    | P-08 Part-02                                                                                                               | P-08 Part-02 (25) + Eng (5)                           | P-08 Part-02 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | Medical Weekly Live Exam-07: (B <sub>7</sub> +C <sub>7</sub> +P <sub>7</sub> +GK+E) (19 Oct-25 Oct)                        |                                                       | Med. W-07 (100)                                  |                             |                   |
|           |           |                                                                                        |                                         | Varsity 'Ka' Weekly Live Exam-07: (B <sub>7</sub> +C <sub>7</sub> +P <sub>7</sub> + HM <sub>7</sub> /Ba/E) [19 Oct-25 Oct] |                                                       | Varsity 'Ka' W-07 (60)                           |                             |                   |
| 22-Oct-25 | Wednesday | GK-04                                                                                  | E-03 (50)                               | B-08 Part-01                                                                                                               | B-08 Part-01 (25) + GK (5)                            | B-08 Part-01 (25)                                |                             |                   |
| 23-Oct-25 | Thursday  | B-07                                                                                   | P-07 (40) + GKE (10)                    | B-08 Part-02                                                                                                               | B-08 Part-02 (25) + Eng (5)                           | B-08 Part-02 (25)                                |                             |                   |
| 24-Oct-25 | Friday    | -                                                                                      | -                                       | C-09 Part-01                                                                                                               | C-09 Part-01 (25) + GK (5)                            | C-09 Part-01 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | B-08                                                                                                                       | B-07 (40) + GKE (10)                                  | C-09 Part-02                                     | C-09 Part-02 (25) + Eng (5) | C-09 Part-02 (25) |
|           |           |                                                                                        |                                         | *HM-06                                                                                                                     | *HM-05 (20) + Wri (5)                                 | E-05 Part-01+02                                  | E-05 Part-01+02 (50)        | E-05 (50)         |
| 25-Oct-25 | Saturday  | **Varsity 'Kha' Offline Weekly Exam-06: (Ba+E+GK)                                      |                                         | *HM-09 Part-01+02 (9 AM)                                                                                                   |                                                       | *HM-09 Part-01+02 (20) + Wri (5)                 |                             |                   |
| 26-Oct-25 | Sunday    | Varsity 'Kha' Weekly Live Exam-07: (Ba+E+GK) [24 Oct-31 Oct]                           |                                         | HM-09 (30)                                                                                                                 |                                                       |                                                  |                             |                   |
| 27-Oct-25 | Monday    | Medical Offline Weekly Exam-07: (B <sub>7</sub> +C <sub>7</sub> +P <sub>7</sub> +GK+E) |                                         | P-09 Part-01                                                                                                               | P-09 Part-01 (25) + GK (5)                            | P-09 Part-01 (25)                                |                             |                   |
| 28-Oct-25 | Tuesday   | C-08                                                                                   | B-08 (40) + GKE (10)                    | P-09 Part-02                                                                                                               | P-09 Part-02 (25) + Eng (5)                           | P-09 Part-02 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | Medical Weekly Live Exam-08: (B <sub>8</sub> +C <sub>8</sub> +P <sub>8</sub> +GK+E) (26 Oct-1 Nov)                         |                                                       | Med. W-08 (100)                                  |                             |                   |
|           |           |                                                                                        |                                         | Varsity 'Ka' Weekly Live Exam-08: (B <sub>8</sub> +C <sub>8</sub> +P <sub>8</sub> + HM <sub>8</sub> /Ba/E) [26 Oct-1 Nov]  |                                                       | Varsity 'Ka' W-08 (60)                           |                             |                   |
| 29-Oct-25 | Wednesday | E-04                                                                                   | GK-04 (50)                              | B-09 Part-01                                                                                                               | B-09 Part-01 (25) + GK (5)                            | B-09 Part-01 (25)                                |                             |                   |
| 30-Oct-25 | Thursday  | P-08                                                                                   | C-08 (40) + GKE (10)                    | B-09 Part-02                                                                                                               | B-09 Part-02 (25) + Eng (5)                           | B-09 Part-02 (25)                                |                             |                   |
| 31-Oct-25 | Friday    | Monthly Evaluation Test – 02 (Week 05-08)                                              |                                         |                                                                                                                            | Monthly Evaluation Test-02 (100)                      |                                                  |                             |                   |
| 1-Nov-25  | Saturday  | -                                                                                      | -                                       | C-10 Part-01                                                                                                               | C-10 Part-01 (25) + GK (5)                            | C-10 Part-01 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | P-09                                                                                                                       | P-08 (40) + GKE (10)                                  | C-10 Part-02                                     | C-10 Part-02 (25) + Eng (5) | C-10 Part-02 (25) |
|           |           |                                                                                        |                                         | *HM-07                                                                                                                     | *HM-06 (20) + Wri (5)                                 | GK-05 Part-01+02                                 | GK-05 Part-01+02 (50)       | GK-05 (50)        |
| 2-Nov-25  | Sunday    | **Varsity 'Kha' Offline Weekly Exam-07: (Ba+E+GK)                                      |                                         | *HM-10 Part-01+02 (9 AM)                                                                                                   |                                                       | *HM-10 Part-01+02 (20) + Wri (5)                 |                             |                   |
| 3-Nov-25  | Monday    | Varsity 'Kha' Weekly Live Exam-08: (Ba+E+GK) [31 Oct-07 Nov]                           |                                         | HM-10 (30)                                                                                                                 |                                                       |                                                  |                             |                   |
| 4-Nov-25  | Tuesday   | Medical Offline Weekly Exam-08: (B <sub>8</sub> +C <sub>8</sub> +P <sub>8</sub> +GK+E) |                                         | B-10 Part-01                                                                                                               | B-10 Part-01 (25) + GK (5)                            | B-10 Part-01 (25)                                |                             |                   |
| 5-Nov-25  | Wednesday | B-09                                                                                   | P-09 (40) + GKE (10)                    | B-10 Part-02                                                                                                               | B-10 Part-02 (25) + Eng (5)                           | B-10 Part-02 (25)                                |                             |                   |
|           |           |                                                                                        |                                         | Medical Weekly Live Exam-09: (B <sub>9</sub> +C <sub>9</sub> +P <sub>9</sub> +GK+E) (2 Nov-8 Nov)                          |                                                       | Med. W-09 (100)                                  |                             |                   |
|           |           |                                                                                        |                                         | Varsity 'Ka' Weekly Live Exam-09: (B <sub>9</sub> +C <sub>9</sub> +P <sub>9</sub> + HM <sub>9</sub> /Ba/E) [2 Nov-8 Nov]   |                                                       | Varsity 'Ka' W-09 (60)                           |                             |                   |
| 6-Nov-25  | Thursday  | Offline Monthly Evaluation Test – 02 (Week 05-08)                                      |                                         | B-11 Part-01                                                                                                               | B-11 Part-01 (25) + GK (5)                            | B-11 Part-01 (25)                                |                             |                   |
| 7-Nov-25  | Friday    | C-09                                                                                   | B-09 (40) + GKE (10)                    | B-11 Part-02                                                                                                               | B-11 Part-02 (25) + Eng (5)                           | B-11 Part-02 (25)                                |                             |                   |

**Note:** \* Marked classes-examinations are for students of 'Varsity Math' Course  
 \*\* Marked examinations are for students of "Varsity 'Kha' Special Course"

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| <ul style="list-style-type: none"> <li>➤ Offline Daily Exam 25 minutes [MCQ (50×1=50)]</li> <li>➤ Offline Weekly Exam 55 minutes [MCQ (100×1=100)]</li> <li>➤ Offline Monthly Evaluation Test 55 minutes [MCQ (100×1=100)]</li> <li>➤ Varsity Math Daily Exam 20 minutes [MCQ (20×1=20)&amp; Written (1×2.5=2.5)]</li> <li>➤ Varsity 'Kha' Offline Weekly exam 1 hour 30 minutes [MCQ (60×1=60); 45 min &amp; Written 40 Marks; 45 min]</li> <li>➤ To enjoy the online services, just Download <b>Udvah-Unmesh Mobile app</b> Or Visit - <b>online.udvash-unmesh.com</b></li> </ul> | <ul style="list-style-type: none"> <li>➤ Medical Daily Live Exam 15 minutes [MCQ (30×1=30)]</li> <li>➤ Medical Weekly Live Exam 55 minute [MCQ (100×1=100)]</li> <li>➤ Monthly Evaluation Test 55 minutes [MCQ (100×1=100)]</li> <li>➤ Varsity Math Daily Live Exam 15 minutes [MCQ (30×1=30); 20 min &amp; Written (2×2.5=5) 10 min]</li> <li>➤ Varsity 'Ka' Weekly Live Exam 1 hour 45 mitutes [MCQ (60×1=60); 45 min &amp; Written 40 Marks; 60 min]</li> <li>➤ Varsity 'Kha' Weekly Live Exam 1 hour 30 mitutes [MCQ (60×1=60); 40 min &amp; Written 40 Marks; 50 min]</li> <li>➤ Medical Private Group : <a href="https://cutt.ly/map25">https://cutt.ly/map25</a></li> </ul> |
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## Medical Syllabus-2025 (Step-02)

| Lecture                                                             | Marathon | Biology (Paper & Chapter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-07                                                                | Part:01  | 1 <sup>st</sup> Paper Chapter-05: Algae and Fungi (Algae, Fungi)<br><b>*GK: Global History (World Civilizations, Concepts of Geopolitics, Renaissance and French Revolution, World War I, World War II)</b> [Ref: GK MQB, Page (293-301)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                     | Part:02  | 1 <sup>st</sup> Paper Chapter-05: Algae and Fungi (Lichen) 1 <sup>st</sup> Paper Chapter-06: Bryophyta and Pteridophyta<br><b>*English: Pin Point Error</b> [Ref: Eng MQB, Page (216-223)], <b>Appropriate Preposition (M-O)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| B-08                                                                | Part:01  | 1 <sup>st</sup> Paper Chapter-07: Gymnosperm and Angiosperm<br><b>*GK: Introduction to the World (Continent of Europe, Continent of Africa, Continent of North America, Continent of South America, Continent of Oceania and Antarctica)</b> [Ref: GK MQB, Page (325-340)]                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                     | Part:02  | 1 <sup>st</sup> Paper Chapter-08: Tissue and Tissue System<br><b>*English: Translation</b> [Ref: Eng MQB, Page (244-263)], <b>Synonym &amp; Antonym (M-P)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| B-09                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-07: Human Physiology: Locomotion and Body Movement (Before Muscle Tissue)<br><b>*GK: International Organizations</b> [Ref: GK MQB, Page (367-380)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-07: Human Physiology: Locomotion and Body Movement (From Muscle Tissue to End)<br>2 <sup>nd</sup> Paper Chapter-09: Continuation of Human Life<br><b>*English: Idioms &amp; Phrases</b> [Ref: Eng MQB, Page (352-371)]                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| B-10                                                                | Part:01  | 1 <sup>st</sup> Paper Chapter-09: Plant Physiology (Absorption of mineral salts, Transpiration, Photosynthesis)<br><b>*GK: International Police, Intelligence, Guerrilla and Other Pro-Independence Organizations, International Military Alliances, Arms Control Agencies, and Disarmament Treaties</b> [Ref: GK MQB, Page (405-414)]                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                     | Part:02  | 1 <sup>st</sup> Paper Chapter-09: Plant Physiology (Respiration) 1 <sup>st</sup> Paper Chapter-10: Plant Reproduction<br><b>*English: One Word Substitution</b> [Ref: Eng MQB, Page (391-406)], <b>Synonym &amp; Antonym (S, T, U)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| B-11                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter 10: Defense System of Human Body<br><b>*GK: Other Important Global Issues (Global Resources, Industries, Health, and Economy, Global Transport and Communication Systems, Airlines, Global Media, Women's World, Famous Quotations, Renowned Books, Famous Personalities and Titles, Famous Paintings and Painters, Architecture and Sculptures of the World, Famous Museums and Libraries of the World, Religion and Religious Topics, Daily Science, Solar System, Computer and Information Technology, Various Firsts, Largest, Smallest in the World, International Days, Full Forms: International)</b> [Ref: GK MQB, Page (402-423)] <b>Recent Affairs (International)</b> |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-02: Introduction to Animal (Grasshopper)<br><b>*English: All Previous questions of BCS preliminary (30<sup>th</sup> to 38<sup>th</sup>)</b> [Ref: Eng MQB, Page (422-432)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>*GK &amp; English Syllabus for Daily &amp; Weekly Exam Only.</b> |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Lecture                                                             | Marathon | Chemistry (Paper & Chapter)                                                                                                                                                                                                                                                                                                                                                                       |
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| C-07                                                                | Part:01  | 1 <sup>st</sup> Paper Chapter-04: Chemical Changes (Ionic Product of Water, Acidity and Basicity, pH, Buffer Solution, Thermal Chemistry) [4.10.1-4.22]<br><b>*GK: Global History (Cold War, Arab-Israel and Russia-Ukraine Conflict, Other Wars and Recent Crises in Different Regions of the World, Various Revolutions, Important Treaties and Charters)</b> [Ref: GK MQB, Page (302-312)]     |
|                                                                     | Part:02  | 1 <sup>st</sup> Paper Chapter-05: Vocational Chemistry<br><b>*English: Tag Question, Sentence Completion</b> [Ref: Eng MQB, Page (224-236)], <b>Synonym &amp; Antonym (I-L)</b>                                                                                                                                                                                                                   |
| C-08                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-02: Organic Chemistry (Organic Compounds and their Classification, Homologous Series, Functional Groups, Nomenclature, Isomerism) [2.0-2.7]<br><b>*GK: Introduction to the World (Population, Language, Race and Tribes Currencies, Capitals, Legislatures, Cities, and Geographical Nicknames of Various Countries in the World)</b> [Ref: GK MQB, Page (341-351)] |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-02: Organic Chemistry (Aromaticity, Hackel Theory, Benzene, and its Derivatives, Mechanism of Reaction of Organic Compounds, Alkanes, Alkenes, Alkynes) [2.8-2.11.2]<br><b>*English: Literature</b> [Ref: Eng MQB, Page (264-277)], <b>Appropriate Preposition (T-Z)</b>                                                                                            |
| C-09                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-02: Organic Chemistry (Alkyl and Aryl Halides, Alcohol, Ether) [2.11.3-2.11.5]<br><b>*GK: Notable Economic Blocs and Financial Institutions of the World and Global Regional Organizations</b> [Ref: GK MQB, Page (381-395)]                                                                                                                                        |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-02: Organic Chemistry (Amines, Aldehydes, Ketones, Organic Acids and Their Derivatives, Functional Group Detector Test, IR Spectroscopy) [2.11.6-2.13]<br><b>*English: Group Verb/Phrasal Verb</b> [Ref: Eng MQB, Page (372-383)]                                                                                                                                   |
| C-10                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-02: Organic Chemistry (Glycerin, Phenol, Nitroglycerin, TNT, Dettol, Paracetamol, Detection of Purity of Organic Compounds, Polymer and Plasticity, Importance of Organic Compounds in Daily Life) [2.14-2.23]<br><b>*GK: Environmental Issues and Diplomacy, Other Important Global Issues (Sports World, Awards and Honours)</b> [Ref: GK MQB, Page (415-438)]    |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-04: Electro-chemistry<br><b>*English: Foreign Words</b> [Ref: Eng MQB, Page (407-409)], <b>Synonym &amp; Antonym (V-Z)</b>                                                                                                                                                                                                                                          |
| <b>*GK &amp; English Syllabus for Daily &amp; Weekly Exam Only.</b> |          |                                                                                                                                                                                                                                                                                                                                                                                                   |

| Lecture                                                             | Marathon | Physics (Paper & Chapter)                                                                                                                                                                                                                                                                |
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| P-07                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-02: Electrostatics<br><b>*GK: Introduction to the World (Continent of Asia)</b> [Ref: GK MQB, Page (313-324)]                                                                                                                                              |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-03: Current Electricity<br><b>*English: Analogy</b> [Ref: Eng MQB, Page (237-243)], <b>Appropriate Preposition (P-S)</b>                                                                                                                                   |
| P-08                                                                | Part:01  | 1 <sup>st</sup> Paper Chapter-03: Dynamics 1 <sup>st</sup> Paper Chapter-05: Work, Energy and Power (Before Energy)<br><b>*GK: Geographical Introduction to the World</b> [Ref: GK MQB, Page (352-366)]                                                                                  |
|                                                                     | Part:02  | 1 <sup>st</sup> Paper Chapter-05: Work, Energy and Power (From Energy to End) 1 <sup>st</sup> Paper Chapter-10: Ideal Gas and Kinetics of Gases<br><b>*English: Spelling</b> [Ref: Eng MQB, Page (340-351)]                                                                              |
| P-09                                                                | Part:01  | 2 <sup>nd</sup> Paper Chapter-07: Physical Optics 2 <sup>nd</sup> Paper Chapter-08: Introduction of Modern Physics (Before X-rays)<br><b>*GK: International and Regional Political Organizations, International Service and Human Rights Organizations</b> [Ref: GK MQB, Page (396-404)] |
|                                                                     | Part:02  | 2 <sup>nd</sup> Paper Chapter-08: Introduction of Modern Physics (From X-rays to End) 2 <sup>nd</sup> Paper Chapter-09: Atomic Model & Nuclear Physics<br><b>*English: Proverb</b> [Ref: Eng MQB, Page (384-390)], <b>Synonym &amp; Antonym (Q, R)</b>                                   |
| <b>*GK &amp; English Syllabus for Daily &amp; Weekly Exam Only.</b> |          |                                                                                                                                                                                                                                                                                          |

| Lecture | Marathon | English                                                                                                                                                                                                                                                                                 |
|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E-03    | Part:01  | Verb & Its Classification, Gerund, Participle & Verbal Noun, Causative Verb, Subjunctive, Conjugation of Verbs, Uses of Modal Auxiliaries, Translation, Appropriate preposition (H-K), Spelling (H-K), Group Verb (H-K), One-word substitution (Animal, Omni), Foreign words (Part -01) |
|         | Part:02  | Sub-verb agreement, Right form of verb, Sequence of Tense, Conditionals, Some Highly Important Rules, Synonym & Antonym (H-K), Idiom & Phrase (H-K), Proverb (H-K) Analogy (Collective Noun: Common Noun – Controlling Elements)                                                        |
| E-04    | Part:01  | Adjective & Degree of Comparison, Article, Adverb & Inversion, Appropriate preposition (L-R), Spelling (L-R), Group Verb (L-R), One-word substitution (Kill, Place, Govt.)                                                                                                              |
|         | Part:02  | Affirmative & Negative Agreement, Narration, Suffix & Prefix, Same Word but Different Parts of Speech, Transformation of Parts of Speech, Identification of Parts of Speech, Synonym & Antonym (L-R), Idiom & Phrase (L-R), Proverb (L-R)                                               |
| E-05    | Part:01  | Sentence & Its Classification, Phrases & Clauses, Commonly Misused Words, Appropriate preposition (S-Z), Spelling (S-Z), Group Verb (S-Z), One word substitution (Miscellaneous)                                                                                                        |
|         | Part:02  | Transformation of Sentence, Sentence Correction, Grammatical Error, Pinpoint Error Detection, Literature, Sentence Completion, Synonym & Antonym (S-Z), Idiom & Phrase (S-Z), Proverb (S-Z)                                                                                             |

| Lecture | Marathon | General Knowledge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GK-03   | Part:01  | Economy, Industry, and Commerce of Bangladesh, Constitution and Political System of Bangladesh (The Constitution and Constitutional Posts, Various Ministries, Local Government System, Introduction to Divisions and Districts, National Parliament), Constitution and Political System of Bangladesh (Law and Judiciary, Various Commissions), Bangladesh in the World                                                                                                                                                                                                                                                                                                                          |
|         | Part:02  | Media, Arts, and Culture (Famous Institutions of Bangladesh, Art and Culture, Newspapers, Literature, Famous Personalities, Historical Places, and Notable Landmarks of Bangladesh), Other Information Related to Bangladesh Communication and Information Technology, Defense and Armed Forces, Medals and Awards), Bangladesh Related Other Information (Sports, National and Other Days, Notable and Memorable Events, The First, Largest and Smallest, Full Form: Bangladesh), Anti-Discrimination Student Movement and the Interim Government-2024, Recent Affairs (Bangladesh)                                                                                                              |
| GK-04   | Part:01  | Global History (World Civilizations, Concepts of Geopolitics, Renaissance and French Revolution, World War I, World War II), Global History (Cold War, Arab-Israel and Russia-Ukraine Conflict, Other Wars and Recent Crises in Different Regions of the World, Various Revolutions, Important Treaties and Charters), Introduction to the World (Continent)                                                                                                                                                                                                                                                                                                                                      |
|         | Part:02  | Introduction to the World (Population, Language, Race and Tribes Currencies, Capitals, Legislatures, Cities, and Geographical Nicknames of Various Countries in the World), Geographical Introduction to the World, Recent Affairs (International)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| GK-05   | Part:01  | International Organizations, Notable Economic Blocs and Financial Institutions of the World and Global Regional Organizations, International and Regional Political Organizations, International Service and Human Rights Organizations, International Police, Intelligence, Guerrilla and Other Pro-Independence Organizations, International Military Alliances, Arms Control Agencies, and Disarmament Treaties                                                                                                                                                                                                                                                                                |
|         | Part:02  | Environmental Issues and Diplomacy, Other Important Global Issues (Sports World, Awards and Honours), Other Important Global Issues (Global Resources, Industries, Health, and Economy, Global Transport and Communication Systems, Airlines, Global Media, Women's World, Famous Quotations, Renowned Books, Famous Personalities and Titles, Famous Paintings and Painters, Architecture and Sculptures of the World, Famous Museums and Libraries of the World, Religion and Religious Topics, Daily Science, Solar System, Computer and Information Technology, Various Firsts, Largest, Smallest in the World, International Days, Full Forms: International, Recent Affairs (International) |

**Bangla & English Syllabus for Varsity ‘Ka’ Weekly Exam (Step-02)**

| Week    | Lecture | Syllabus                                                                                                                                        |
|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Week-05 | Bangla  | বাংলা ১ম পত্র- বিলাসী, মাসি-পিসি। বাংলা ২য় পত্র- সন্ধি, শব্দদ্বিত্ব, বাক্য প্রকরণ                                                              |
|         | English | Subjunctive and Causative, Conditional, Affirmative & Negative Agreement                                                                        |
| Week-06 | Bangla  | বাংলা ১ম পত্র- আমি কিংবদন্তির কথা বলছি, রেইনকোট। বাংলা ২য় পত্র- বাংলা ভাষার ব্যাকরণিক শব্দশ্রেণি, ক্রিয়ার কাল, ক্রিয়ার ভাব, ক্রিয়া-বিভক্তি। |
|         | English | Adverb & Inversion, Idiom & Phrase, Voice, Narration, Transformation                                                                            |
| Week-07 | Bangla  | বাংলা ১ম পত্র- আঠারো বছর বয়স, মানব-কল্যাণ। বাংলা ২য় পত্র- উপসর্গ, সমাস, পারিভাষিক শব্দ, সংখ্যাবাচক শব্দ, শব্দজোড়।                            |
|         | English | Tag Question, Group Verb, Synonym & Antonym (I-U), Appropriate Preposition (G-P)                                                                |
| Week-08 | Bangla  | বাংলা ১ম পত্র- ফেব্রুয়ারি ১৯৬৯, প্রতিদান বাংলা ২য় পত্র- ধ্বনির পরিবর্তন, বাংলা ভাষার অপপ্রয়োগ ও শুদ্ধ প্রয়োগ, সমার্থক শব্দ।                 |
|         | English | Article & Determiner, Suffix-Prefix, Dangling Modifier, Redundancy                                                                              |
| Week-09 | Bangla  | বাংলা ১ম পত্র- উপন্যাস: লালসালু। বাংলা ২য় পত্র- শব্দের শ্রেণিবিভাগ, ধাতু, প্রকৃতি ও প্রত্যয়।                                                  |
|         | English | Sentence Correction, One Word Substitution, Pinpoint Error Detection, Analogy, Parallelism                                                      |
| Week-10 | Bangla  | বাংলা ১ম পত্র- নাটক: সিরাজউদ্দৌলা। বাংলা ২য় পত্র- বিপরীতার্থক শব্দ, কারক ও বিভক্তি।                                                            |
|         | English | Sentence Completion, Literature, Miscellaneous, Synonym & Antonym (W-Z), Appropriate Preposition (Q-Z)                                          |

**Varsity Math Syllabus (Step-02)**

| Week  | Lecture | Syllabus                                                                                                                                        |
|-------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| HM-06 | Part:01 | Chapter-07 : Trigonometric Ratios of Associated and Compound Angles (1st paper)                                                                 |
|       | Part:02 | Chapter-07 : Inverse Trigonometric Functions and Trigonometric Equations (2nd paper)                                                            |
| HM-07 | Part:01 | Chapter-09: Differentiation (1st paper) [From Existence of limit to just before Successive differentiation]                                     |
|       | Part:02 | Chapter-09: Differentiation (1st paper) [From Successive differentiation to Maxima and Minima]                                                  |
| HM-08 | Part:01 | Chapter-10: Integration (1st paper) [ All types of indefinite integration]                                                                      |
|       | Part:02 | Chapter-10: Integration (1st paper) [ Definite integral and finding area using integration]                                                     |
| HM-09 | Part:01 | Chapter-08: Statics (2nd paper) [All types related to resultant of forces]                                                                      |
|       | Part:02 | Chapter-08: Statics (2nd paper) [Equilibrium of forces, moment of force and parallel force]                                                     |
| HM-10 | Part:01 | Chapter-09: Motion of Particles in a Plane (2nd paper) [From parallelogram laws of velocity up to just before vertical and projectile movement] |
|       | Part:02 | Chapter-09: Motion of Particles in a Plane [Related to vertical and projectile object] (2nd Paper)                                              |

**Bangla, English & GK Weekly Syllabus for Varsity 'Kha' Weekly Exam (Step-02)**

| Week    | Lecture                       | Syllabus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Week-05 | Bangla                        | বাংলা ১ম পত্র: কবিতা: তাহায়েই পড়ে মনে; লিখিত প্রস্তুতি: কবিতার মূলভাব লিখন, উদ্ধৃতি ব্যাখ্যা, লেখক পরিচিতি। বাংলা ২য় পত্র: সন্ধি, শব্দদ্বিত্ব, সংখ্যাবাচক শব্দ, বাগধারা ও প্রবাদ-প্রবচন[Ref: Varsity “Kha” PB Page (293–297) লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত)।                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|         | English                       | Unit- 6 (Lesson: 1,2), Verb & Its Types, Causative & Linking, Different Genres of Literary Text, Figure of Speech, Appropriate Preposition (J-K), Idioms & Phrases (J-K), Vocabulary (J-K), Spelling (J-K), Group Verbs (J-K)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|         | GK<br>(Bangladesh Affairs)    | Chapter 05: Post-Independence Political Developments: The Rule of Sheikh Mujibur Rahman, The Rule of Ziaur Rahman, The Rule of Hussain Muhammad Ershad, The Parliamentary System of Governance, July Uprising.<br>Chapter 06: Constitution And Political Structure: History of The Formation of The Constitution, Important Provisions of the Constitution, Constitutional Amendments, Constitutional Positions and Institutions, Executive, Legislative and Judiciary, Bangladesh's Electoral System, Political Parties, Pressure Groups, and Good Governance.                                                                                                                                                                                                    |
| Week-06 | Bangla                        | বাংলা ১ম পত্র: গদ্য: বিলাসী; লিখিত প্রস্তুতি: পাঠের মূলভাব লিখন, উদ্ধৃত সংলাপ ব্যাখ্যা, লেখক পরিচিতি **প্রথম পত্রের আলোকে ব্যাকরণ ও বিরচন<br>বাংলা ২য় পত্র: বাংলা ভাষার ব্যাকরণিক শব্দশ্রেণি, উপসর্গ, শব্দজোড়, লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত), সারাংশ/সারমর্ম                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|         | English                       | Verbals, Modals, Preposition Vs Conjunction, Unit- 6 (Lesson: 3), Unit- 7 (Lesson: 3); Appropriate Preposition (L-M), Idioms & Phrases (L-M), Vocabulary (L-M), Spelling (L-M), Group Verbs (L-M), Linkers & Connectors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | GK<br>(Bangladesh Affairs)    | Chapter 07: Introduction to Bangladesh: Location and Boundaries, Geographical Features, National Matters of Bangladesh, Climate, Weather and Topography, Natural Disasters, Mountains and Hills, Valleys, Waterfalls and Springs, Rivers, Islands, River Islands, Wetlands, Haors, Beels and Lakes, Other Recognitions of Bangladesh, National Days, and Hotlines.<br>Chapter 08: Demography, Education, Health, Defense, Institutions, and Planning: Population, Population Census and Household Survey, Ethnicity, Tribes and Indigenous Peoples, Education System, Health System, Defense System (Ministry of Defense and Ministry of Home Affairs), Important Institutions and Organizations of Bangladesh, NGOs, Development Projects, and Development Plans. |
| Week-07 | Bangla                        | বাংলা ১ম পত্র: কবিতা: আমি কিংবদন্তির কথা বলছি; লিখিত প্রস্তুতি: পাঠের মূলভাব লিখন, উদ্ধৃত সংলাপ ব্যাখ্যা, লেখক পরিচিতি। **প্রথম পত্রের আলোকে ব্যাকরণ ও বিরচন। বাংলা ২য় পত্র: বাক্য প্রকরণ, ক্রিয়ার কাল, ক্রিয়ার ভাব, ক্রিয়া-বিভক্তি, বাংলা অনুজ্ঞা, পারিভাষিক শব্দ (পৃ. -৩২০-৩২৮); লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত), ভাব-সম্প্রসারণ লিখন।                                                                                                                                                                                                                                                                                                                                                                                  |
|         | English                       | Right form of Verb, Subject Verb Agreement, Unit-7 (Lesson:4,5), Appropriate Preposition (N-P), Idioms & Phrases (N-P), Vocabulary (N-P), Spelling (N-P), Group Verbs (N-P), Tense & Sequence of Tense                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | GK<br>(International Affairs) | Chapter 05: The Cold War, Global Diplomacy, and Military Strategy: The Cold War, Crises During the Cold War, A Unipolar World, Global Military Alliances, Arms Control Treaties and Organizations, Disarmament Agreements.<br>Chapter 06: Contemporary International Crises: The Middle East Crisis, South Asia and Southeast Asia Crises, Other Crises/Europe and Far East Crises.                                                                                                                                                                                                                                                                                                                                                                                |
| Week-08 | Bangla                        | বাংলা ১ম পত্র: গদ্য: রেইনকোট; লিখিত প্রস্তুতি: কবিতার মূলভাব লিখন, কবিতার উদ্ধৃতি ব্যাখ্যা, লেখক পরিচিতি। **প্রথম পত্রের আলোকে ব্যাকরণ ও বিরচন<br>বাংলা ২য় পত্র: সমাস, পারিভাষিক শব্দ (পৃ. ৩২৯-৩৩৫), লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত), অনুবাদ।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         | English                       | Completing Sentence, Subjunctive, Sentence Completion, Unit- 8 (Lesson:1,2), Appropriate Preposition (Q-S), Idioms & Phrases (Q-S), Vocabulary (Q-S), Spelling (Q-S), Group Verbs (Q-S), Modifiers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|         | GK<br>(International Affairs) | অধ্যায়: ০৭- আঞ্চলিক রাজনৈতিক জোট: OIC, Arab League, GCC, AMU, NAM, AU, Commonwealth, CIS, ASEAN, SCO, OAS, APA, APEC, ACU, ACP, SAARC, BIMSTEC, CIRDAP, BCIM. অধ্যায়: ০৮- অর্থনৈতিক জোট ও আর্থিক প্রতিষ্ঠান: ব্রেটন উডস সম্মেলন, WB, IMF, WEF, আন্তর্জাতিক আর্থিক লেনদেন ব্যবস্থা, GATT, WTO, ADB, IsDB, AIIB, ICC, EU, ECB, BRICS, NDB, AfDB, EBRD, EIB, OPEC, OPEC Plus, G-7, G-77, G-20, D-8, BENELUX, ECO, USMCA, IJO & IJSG, IRRI, IATA, IRENA, IPEF, OECD.                                                                                                                                                                                                                                                                                                 |
| Week-09 | Bangla                        | বাংলা ১ম পত্র: গদ্য: মানব-কল্যাণ; কবিতা: ফেব্রুয়ারি ১৯৬৯। লিখিত প্রস্তুতি: পাঠের মূলভাব লিখন, কবিতার উদ্ধৃতি ব্যাখ্যা, লেখক পরিচিতি, মিলকরণ। **প্রথম পত্রের আলোকে ব্যাকরণ ও বিরচন। বাংলা ২য় পত্র: ধ্বনির পরিবর্তন, উক্তি, বাচ্য, প্রতিশব্দ (পৃ. ২৭৮-২৮১), লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | English                       | Adverb & Inversion, Redundancy, Negative & Affirmative Agreement, Unit- 8 (Lesson: 3), Unit- 9 (Lesson: 1), Appropriate Preposition (T-V), Idioms & Phrases (T-V), Vocabulary (T-V), Spelling (T-V), Group Verbs (T-V), Common Mistakes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | GK<br>(International Affairs) | Chapter 09: Economy, Industry, and Trade: Bangladesh's Economic System, Budget, Economic Survey, Monetary Policy, Banking, Insurance, Stock Market, Taxation and Revenue System, Industrial Sector of Bangladesh, Imports and Exports, Export Processing Zones.<br>Chapter 10: Natural Resources: Agricultural Resources, Forest Resources, Mineral Resources, Electricity and Energy, Fishery Resources, Livestock Resources, Water Resources.                                                                                                                                                                                                                                                                                                                    |
| Week-10 | Bangla                        | গদ্য: মাসি-পিসি; কবিতা: আঠারো বছর বয়স। লিখিত প্রস্তুতি: পাঠের মূলভাব লিখন, উদ্ধৃত সংলাপ ও উদ্ধৃতি ব্যাখ্যা, লেখক পরিচিতি। **প্রথম পত্রের আলোকে ব্যাকরণ ও বিরচন। বাংলা ভাষার অপপ্রয়োগ ও শুদ্ধ প্রয়োগ, শব্দের শ্রেণিবিভাগ, প্রতিশব্দ (পৃ. - ২৮২-২৮৫)। লিখিত প্রস্তুতি: ব্যাকরণ-সম্পর্কিত বিষয়াবলি (সংজ্ঞার্থ ও দৃষ্টান্ত)।                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | English                       | Phrase (Types & Identification), Suffix-Prefix, Unit- 9 (Lesson: 2) Unit- 9 (Lesson: 3, 4), Appropriate Preposition (W-Z), Idioms & Phrases (W-Z), Vocabulary (W-Z), Spelling (W-Z), Group Verbs (W-Z), Same Word Different Parts of Speech (Part-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|         | GK<br>(Bangladesh Affairs)    | Chapter 11: Transportation and Information Technology Infrastructure: Bangladesh's Transportation System, Ports of Bangladesh, Postal and Telecommunications System, Television, Radio and Telephone Systems.<br>Chapter 12: Other Information Related to Bangladesh: Famous Personalities of Bangladesh, Foreign Relations of Bangladesh, International Treaties and Achievements, Media, Literature and Culture of Bangladesh, Sculptors and Sculptures, Entertainment and Arts Industry Of Bangladesh, Sports Sector of Bangladesh, Medals, Awards, Honors, Acronyms, and Miscellaneous.                                                                                                                                                                        |