INSTRUCTION FOR CANDIDATES

1. This test booklet contains Five sections with a total of 39 questions.

2. All sections are compulsory.

3. Each section has individual number of questions carrying marks as follows:

   A. Research Methodology:
      8 questions (8×5) = 40 marks

   [N.B. Candidates for the Faculties of the Theology an Islamic Studies and Humanities and
   Social Sciences may, however, be allowed to answer section A in English/Bengali/Arabic].

   B. Functional English/Arabic/ Bangla language:
      i. Short answer
      5 questions (5×2) = 10 marks
      (ii) Vocabulary type
      5 questions (5×1) = 05 marks
      (iii) Translation (Bengali to English)
      1 question (1×10) = 10 marks
      (iv) Grammar items
      5 questions (5×1) = 05 marks

   C. Functional Knowledge of Computer:
      5 questions (5×2) = 10 marks

   D. Bangladesh and Global Studies:
      5 questions (5×2) = 10 marks

   E. Mathematical Reasoning and Analytical Ability:
      5 questions (5×2) = 10 marks

4. No clarification of the Question Paper can be sought. Answer the questions as they are.

5. Answers are to be written only in the blank space after each of question. No additional sheets
   will be provided. Rough work can be done in the question paper itself.

6. Calculators/ mobile phones and /or any types of electronic devices are not allowed.
Section A. Research Methodology: 8 questions (8×5) = 40 marks

1. What do you mean by research?

2. What is distinctive about research?

3. Point out the features of quality in research.

4. Write in brief how to read research articles critically.

5. Write the main characteristics of a good research questions.

6. Define research ethics and state the code of ethics.
7. How to write a research proposal for a PhD application? Mention only the main points.

8. How will you differentiate between quantitative and qualitative research?

Section B. Functional English/Arabic/Bangla language: 30 marks.

(1) Short answer
(2) Vocabulary type
(3) Translation (Bengali to English)
(4) Grammar items

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English language

1. Read the passage and then answer the questions that follow.

26 March, our Independence Day, is the biggest state festival. The day is celebrated every year in the country with great enthusiasm and fervour. It is a national holiday. All offices, educational institutions, shops and factories remain closed on this day. The day begins with 31 gunshots.

Early in the morning the President and the Prime Minister on behalf of the nation place floral wreaths at the National Musulium at Savar. Then diplomats, political parties, social and cultural organizations, and freedom fighters pay homage to the martyrs. People from all walks of life also come there with rallies and processions. There are several cultural programmes throughout the day highlighting the heroic struggle and sacrifice in 1971.

The country also witnesses a smartly dressed parade of defence forces, border guards, police, ansars and the VDP (Village Defense Party) at the National Parade Ground near the National Parliament. In Bangabandhu Stadium, school children, scouts and girl guides take part in various displays to entertain thousands of spectators. The educational institutions also organize their individual programmes. Sports, meets and tournaments are also organized on the day including the exciting boat race in the river Buriganga. In the evening, all major public buildings are illuminated with colourful lights. Bangla Academy, Bangladesh Shilpakala Academy and other socio-cultural organizations hold cultural functions. Similar functions are also arranged in other places in the country.

(a) What is the passage about?
(b) "The day begins with 31 gunshots" Who says this? Why does s/he say this? Explain in 2/3 sentences.

(c) How is our Independence Day celebrated?

(d) How do we pay homage to the martyrs?

(e) Explain the reason for building the National Mausoleum.

2. Read the following passage and then write the synonym or antonym of the words below as directed.

The National Memorial is a symbol of the nation's respect for the martyrs of the War of Liberation. It is located at Savar, Dhaka. Its foundation was laid on the first anniversary of the Victory Day in 1972. The entire complex covers an area of 126 acres. It will include a mosque, a library and a museum. The museum will preserve the relics of the Liberation War. There is a series of 7 towers that rise by stages to a height of 150 feet. These seven towers represent the seven heroes who made supreme sacrifice in the Liberation War. The height of the towers stands for the high sacrifice of every martyr. There are several graves of the martyrs close to the tower. Standing before the graves we bow down our heads in respect of their sacrifice.

a. (i) Liberation (synonym): (ii) Retire (antonym):

b. (i) foundation (synonym); (ii) Cover (antonym):

c. (i) Represent (synonym); (ii) Include (antonym):

d. (i) Supreme (synonym); (ii) Rise (antonym):

e. (i) Before (synonym); (ii) Respect (antonym):
3. Translate the passage into English:

বাংলাদেশ আমাদের মাক্তকানি। বিশ কল শাহীদের রকে বিনিয়য়ে এই দেশ যাহীন হয়েছে। এসে পরে লোক শাহীদার।

আমারা সবাই সঙ্গে শাহীদের প্রতি চাই। আমারা কাউকে হিংসা করি না। সবাই উল্লিখ কামনা করি। বাংলাদেশী উদ্দী ও নিষেধাজ্ঞ। আমাদের সম্বন্ধে খুব উল্টো। আমাদের সদৃশির জন্য আমারা পরিষ্কার। আমাদের জীবনের মূলে আছে নৈতিক মূলক্ষয়। মুন্দ্রকে আমারা যুদ্ধ করি, কিন্তু আমারা জীবন নই।

4. (a) Change the following into the indirect form of speech:

“Don’t eat too much carbohydrate,” I advised her, “and avoid fried food.”

(b) Choose the right preposition to fill in the gap:

Sometimes, we sell goods — auction. (at, by).

(c) Complete the answer to the following question. Use the clue given in bracket:

How you ever been to Cox’s Bazar? (never/be)

(d) Turn the following sentence into Passive Voice:

The book is printing.

(e) Rewrite the following sentence using ‘going to’.

You (misbehave) with your neighbor?
১। (গ) সাহিত্যের বিভিন্ন শাখা-পশ্চাদ মধ্যে উপন্যাস অন্যতম কেন?

২। (ঘ) আধুনিক শিক্ষা প্রাপ্ত পাঠ্য সাহিত্য কল্পনার গতি হারিয়ে যাচ্ছে কেন?

৩। (এ) Proletariat সাহিত্য কি?

খ বিভাগে শব্দ তালা (৫×১=১৫)

২। শারর লিখন ব্যবহার, লেখকীয়ত, লেখাযোগ, গল্পনির্দেশনা এবং সাহিত্য

গ বিভাগে ভাবসম্পাদন (১×১০=১০)

৩। ভাবসম্পাদন করায় মনের সাধন কিংবা পরিদর্শন পাতন।
ঘ বিভাগে ব্যাখ্যার (৫×১=০৫)
৪। (ক) সক্ষী ও সমাসের মধ্যে পার্থক্য কি?

(ঝ) একটি বাক্যে কয়টি জন থাকে?

= ৩ ৫

(ঝ) মন প্রতি পাঁচ টাকা লাভ দিব। এই বাক্যে যে অনুসন্ধান ব্যবহার হবে তার অর্থ কি?

৫। (ঝ) বাংলা ভাষায় যে কয়টিটি ধাতুর সকল কালের রূপ পাওয়া যায় না তাদেরকে কি বলে?

(ঝ) বাংলার অনুভাব ব্যবহার নেই কোন কালে।

৫। (ঝ) ৫ ৫
4. صنف المفعول الماضي في الظرفاءات النحوية من كلمة "البئر".

(10 = 0)

3. أُتْبِحُ الْعَرَبِيَّةُ بِحَوْلِ "أَسْبَابِ أَلْزِمَةِ" وَعَلَّامَةٍ: 4 أَوِ اللَّهُ أَقْدَامُ الْمُرْتَبَعِينَ بِصَحْبَةَ الْمَشْرِقِ (0=10)

2. الْعَرَبِيَّةُ بِحَوْلِ "أَسْبَابِ أَلْزِمَةِ" وَعَلَّامَةٍ: 4 أَوِ اللَّهُ أَقْدَامُ الْمُرْتَبَعِينَ بِصَحْبَةَ الْمَشْرِقِ (0=10)

1. الْعَرَبِيَّةُ بِحَوْلِ "أَسْبَابِ أَلْزِمَةِ" وَعَلَّامَةٍ: 4 أَوِ اللَّهُ أَقْدَامُ الْمُرْتَبَعِينَ بِصَحْبَةَ الْمَشْرِقِ (0=10)

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C. Functional Knowledge of Computer: 5 questions (5×2) = 10 marks

1. What is a Computer? Mention five main parts of a computer.

2. What is the Recycle Bin? What are the uses of Recycle Bin?

3. Write the full forms of the following:
   USB, CD, HDD, DVD.

4. What is the function of a pen drive?

5. How can you protect computer virus infection?

D. Bangladesh and Global Studies: 5 questions (5×2) = 10 marks

1. According to you, what are the three most important development challenges before the current Bangladeshi economy?
2. Write in short your idea about the non co-operation movement of 1971.

3. Point out the common social problem in Bangladesh.

4. What is 1969 people’s uprising in East Pakistan?

5. Write some important Timeline of events in 1969.

E. Mathematical Reasoning and Analytical Ability:

1. What number is logically missing from the sequence below?
   348269, 284315, ****, 8438, 4811, 842, 86

2. Explain what number should replace the question mark?

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3. Approximately how many people are in the production and transportation sector of the workforce?

4. Approximately what fraction of the workforce in the food service area of the service sector consists of union members?

5. In the workforce, the ratio of the number of union members to the number of nonmembers is the same for the sales sector as it is for the protective service area of the service sector. What is the number of nonmembers in the sales sector?