

# Port management and logistics

## Admission question 2019-20

### #Mathematics and Analytical Ability (40 marks)

1. The cost of 2 litres of oil and its container is tk 100. If the cost of the container is tk 23 less than the cost of one litre of oil, what is the cost of one litre oil? (ANS:41)

2. Arif can do a particular work in 1 hour while Asif can do the same work in 1.5 hours. On a particular day, they worked together for  $\frac{1}{2}$  hour. After which Arif left and Asif had to finish the rest of the work alone. How much time in minutes will Asif require to finish the rest of the work?

(ANS:15)

3. If  $(x+1)/x=2$ ; what is the value of  $x(x^2 + x - 1)$ ?

(ANS=1)

4. A worker is paid tk 40 per hour for the 1<sup>st</sup> 8 hours and then tk 52 for each additional hours .if on a certain day,his average pay was tk 44 per hours, how many hours did he work on that day ?

(ANS-12)

5.If  $y/(x+1)=4$  and  $(4x+3)/(y+2)=1.5$ , the value of x is ?

(ANS= -3)

6. if x is positive integer and  $y > (-2)$ , which of the following must be positive ? (ANS- nothing )

7.if the average of 5 consecutive odd integers is 55,what is the average of the last two integirs ? (ANS-58)

8.if x books can be purchased for tk y ,how many books can be purchased for tk M .? (ANS- $mx/y$ )

9. if  $a > 0$ ,  $b < 0$ ,  $c > 1$ , and  $D < 1$ , which of the following must be true?

( ans= none )

10. if  $yx/z^2 = 27$  and  $y^2/zx = 1/(3\sqrt{3})$ , what is the ratio of  $z$  to  $y$ ?

Ans=  $3\sqrt{3}$

N.B= analytical ability questions will be in passage type.

BSMRMU ADMISSION HELP

## #English (20 marks)

1. 'Living from hand to mouth' means -

- A) live an active life
- B) live a poor life
- C) live a rich life
- D) live an idle life

Ans : B

2. Raisa put a quilt\_\_\_\_\_me.

- A) on
- B) over
- C) above
- D) upon

Ans : B

3. Your conduct admits\_\_\_\_\_no excuse.

- A) for
- B) to
- C) at
- D) of

Ans : D

4. When you make a promise, you must not go\_\_\_\_\_on it.

- A) by
- B) along
- C) back
- D) around

Ans: C

5. Your argumentdoesn't stand\_\_\_\_\_reason.

- A) to
- B) on
- C) upon
- D) over

Ans : A

6. If she can win his attention\_\_\_\_\_for her.

A) the so much better B) so much the better

C) the better so much D) so much for better

Ans : B

7. I availed myself\_\_\_\_\_the opportunity.

A) from B) with C) of D) for

Ans : C

8. The antonym of 'soothing ' is -

A) Gentle B) Relating C) Biting D) Calming

Ans : C

9. We waited until the plane\_\_\_\_\_.

A) didn't take off B) took off

C) had taken off D) had not taken off

Ans : B

10. He\_\_\_\_\_to see us if he had been able to.

A) came B) had come C) would have come D) come

Ans : C

11. Arifa\_\_\_\_\_before I came.

A) had been leaving B) had left

C) would be leaving D) will leave

Ans : B

12. Before you entered the classroom, you \_\_\_\_\_ the teacher's permission.

A) should have sought B) have sought

C) should seek . D) seek

Ans : A

13. None \_\_\_\_\_ helpless because they can always try.

A) is B) are C) was D) were

Ans : B

14. How fast the boy runs! Fast is a -

A) verb B) Adjective C) Noun. D) Adverb

Ans : D

15. The complex sentence of ' He is too weak to walk ' is -

A) He is so weak to walk

B) He is very weak to walk

C) He is so weak that he cannot walk

D) He is to weak to walk

Ans : C

16. To ride well requires practice. Here ' To ride well' is a

-

A) Adjective phrase B) Adverbial phrase

C) Noun phrase D) Prepositional phrase

Ans : C

17. What is the active voice of - " It is known to me how it was done by him. " -

A) I know how he did it.

B) I knew how he did it.

C) I know how he has done.

D) I knew how he has done.

Ans : A

18. The case resulted in an acquittal. What is acquittal here?

A) Verb B) Preposition C) Noun D) Adverb

Ans : C

19. The university requires that all its students \_\_\_\_\_ a course on films.

A) taken B) took C) take D) will take

Ans : B

20. \_\_\_\_\_respect your point of view, I cannot agree.

A) I also B) So much as I C) I also D) Much as I

Ans : D

## #General Knowledge

1.Full form: UNCLOS, IMO, IMF, BSMRMU

2.National mourning day of Bangladesh ? - 15 August.

3. Who has given the idea of digital Bangladesh? - Sajeeb Wajed Joy.

4. Who is the creator of the maritime vision of Bangladesh? - Bangabandhu Sheikh Mujibur Rahman.



5. What is the national game of Bangladesh? - Ha-du-fu/  
Kabaddi.

6. Which is the the national bird of Bangladesh? - Magpie

7. Which is the first maritime university of Bangladesh?-  
BSMRMU

8. Chittagong is situated beside- Karnaphuli river.

9. Dhaka is situated beside- Buriganda river

10. What is the international call line of Bangladesh?

11. What is the largest delta of the world? - The Ganges

12. Who is the architect of BSMRMU?

13. What is the motto of BSMRMU? - We strive for maritime excellence

14. Sea ports in Bangladesh- 04

15. The currency of Bangladesh? - Taka

16. Country code of Bangladesh: +880

17. In 1971, who was the controller of sector-10 on the liberation war of Bangladesh? - The navy of bd.

18. When UNESCO declared 'National martyr's day' of Bangladesh as the 'International Mother Language Day?' - 1999

19. How many sectors were in the liberation war of Bangladesh? - 11

20. The first warship of Bangladesh? - BNS Padma

বাংলাঃ

১- বাংলা লিপির উৎস কি?

উঃ ব্রাহ্মী লিপি

২- ধ্বনিতত্ত্বের আলোচ্য বিষয় নয় কোনটি?

উঃ প্রত্যয়

৩- বাংলা ভাষার মৌলিক স্বরধ্বনির সংখ্যা কত?

উঃ ৭ টি

৪- মাত্রাহীন বর্ণ কয়টি?

উঃ দশটি

৫- 'অধ্যাপক' শব্দটির সঠিক উচ্চারণ কী?

উঃ ওদ্ ধাপোক

৬- ব্যঞ্জনচ্যুতি এর উদাহরন কোনটি?

উঃ বড়দিদি > বড়দি

৭- সন্ধির বিপরীত শব্দ কি?

উঃ বিগ্রহ

৮- কোনটির সন্ধি হয়না?

উঃ সর্বনাম

৯- নিচের কোনটি তুরকি শব্দ?

উঃ তোপ

১০- মেঘনাদের ভাইয়ের নাম কি?

উঃ বীরবাহু

১১- টেকসই শব্দে 'সই' কোন ধরনের প্রত্যয়?

উঃ বিদেশি তদ্ধিত

১২- তৃতীয় কোন ধরনের বিশেষন?

উঃ ক্রমবাচক

১৩- নিচের কোনটি ফারসি উপসর্গ ?

উঃ ফি

১৪- 'সেতার' কোন ধরনের সমাস?

উঃ বহুব্রীহী

১৫- 'আমরা স্বাধীণ বাংলার নাগরিক' এই বাক্যে 'বাংলার' শব্দটি কোন কারক?

উঃ অধিকরণে ষষ্ঠী

১৬- 'নেকলেস' গল্পটি প্রথম কোন পত্রিকায় প্রকাশিত হয়?

উঃ La Gaulois

১৭- 'নির্জনতম কবি' কে?

উঃজীবনানন্দ দাশ

১৮-রোকেয়া সাখাওয়াত হোসেনের জন্ম ও মৃত্যু কত তারিখ?

উঃ৯ ডিসেম্বর

১৯-জেলমুক্তির কত দিন পর শেখ মুজিব বাড়ি ফিরে যান?

উঃ৫ দিন

২০-'জাগো, বাহে, কোনঠে সবায়?' কোন কবিতার লাইন?

উঃনূরলদীনের কথা মনে পড়ে যায়