

INTERNATIONAL MAARIF SCHOOLS OF SARAJEVO SCHOLARSHIP EXAM 2020

8th
Grade

PAY ATTENTION TO STUDENTS!

- Total time for the test is 80 minutes. Complete your paper within time. Extra time will not be given to any student.
- Do not forget to write your name and surname.
- You must attempt all the given questions in this booklet.
- The blank spaces in the booklet may be used for writing and calculation; the booklets will be collected at the end of the test.
- There is only one correct answer for each question. If you mark more than one choice, the answer will be considered wrong.
- Mark your answer on the answer sheet. Marks on the booklet will not be accepted.

Wish you the best of luck!

TÜRKİYE MAARİF VAKFI
TURKISH MAARIF FOUNDATION

Subject	Number of Question	Total Number of Questions	Duration
Bosnian Language	6	35	80 min
Social Science	6		
Mathematics	6		
Science	6		
English Language	6		
Logical Reasoning	5		

Name and Surname :

Grade Level :

Student/ Applicant ID :



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BOSNIAN LANGUAGE

1. U nezavisnosloženoj rečenici navedenih stihova, balade „Smrt Omera i Mejreme“ riječ je o:

***Nije blago ni srebro ni zlato
Već je blago što je srcu drago.***

- A) rastavnoj rečenici
- B) sastavnoj rečenici
- C) zaključnoj rečenici
- D) isključnoj rečenici
- E) suprotnoj rečenici

2. O kojoj zavisnoj rečenici je riječ u navedenom primjeru?

Čim sam došao kući, napisao sam zadaću.
Riječ je o:

- A) mjesnoj rečenici
- B) vremenskoj rečenici
- C) načinskoj rečenici
- D) pogodbenoj rečenici
- E) uzročnoj rečenici

3. U rečenici **Ispod prozora mirisala je ruža** riječ *ispod* možemo svrstati u vrstu riječi:

- A) priloga
- B) veznika
- C) prijedloga
- D) imenica
- E) zamjenica

4. Pjesmu „Bašeskija“ napisao je:

- A) Enes Kišević
- B) Abdulah Sidran
- C) Grigor Vitez
- D) Erih Koš
- E) Tin Ujević

5. Sonet je pjesma od:

- A) pet strofa, dvije strofe imaju tri, a tri strofe po pet stihova
- B) tri strofe, prva strofa ima četiri, a dvije strofe po tri stiha
- C) četiri strofe, prve dvije strofe imaju po tri stiha, a druge dvije po četiri stiha
- D) četiri strofe, prve dvije strofe imaju po četiri stiha, a druge dvije strofe po tri stiha
- E) dvije strofe, prva strofa ima pet stihova, a druga strofa ima dva stiha

6. Zaokruži slovo ispred rečenice koja ima imenski predikat:

- A) Čovjek je pokucao na vrata.
- B) Došla je uplakana djevojčica.
- C) On je pametan.
- D) Gledah u otvoreni paket.
- E) Učenik piše rečenice.

SOCIAL SCIENCE

7. What is Asia's largest and most famous plateau?

- A) Anatolian
- B) Iranian
- C) Saharan
- D) Meseta
- E) Tibet

8. The largest country in Africa is:

- A) Algeria
- B) Morocco
- C) Kenya
- D) Tanzania
- E) Tunisia

9. How many states are there in the United States of America?

- A) 47
- B) 66
- C) 39
- D) 50
- E) 28

10. The storming of the Bastille on July 14, 1789, signaled the start of:

- A) The Congress of Berlin
- B) The war of the American colonies for independence
- C) The French Bourgeois Revolution
- D) The Jacobin dictatorship
- E) The Russian Revolution

11. By interfering with international powers, the Ottoman Empire holdings in the Balkans declined after:

- A) Congress of Vienna in 1814/1815.
- B) The Constantinople Convention in 1879.
- C) The Peace Agreement in Sremski Karlovci in 1699.
- D) the Congress of Berlin in 1878.
- E) the Treaty of Passarowitz in 1718.

12. In 1839, Sultan Abdulmedjid abolished:

- A) The Timar System
- B) The Tax System
- C) The Devshirme System
- D) The Death Penalty
- E) The Vilayet Law

MATHEMATICS

13. Find the AREA of a square if the diagonal is 8 cm!

- A) $A = 22 \text{ cm}^2$
- B) $A = 32 \text{ cm}^2$
- C) $A = 42 \text{ cm}^2$
- D) $A = 52 \text{ cm}^2$
- E) $A = 62 \text{ cm}^2$

14. Calculate:

$$\frac{7^{4n-1}}{49^{2n-2}}$$

- A) 7^0
- B) 7^1
- C) 7^2
- D) 7^3
- E) 7^4

15. Simplify the expression:

$$\frac{\sqrt{108} - \sqrt{300} - \sqrt{48} + \sqrt{75} - 5\sqrt{3}}{2\sqrt{12}}$$

- A) 2
- B) 1
- C) 0
- D) -1
- E) -2

16. Calculate:

$$(x^2 - x + 1) \cdot (x^2 + x - 1)$$

- A) $x^4 - 2x^2 + 1$
- B) $x^4 - 2x^3 + 1$
- C) $x^4 - 2x + 1$
- D) $x^4 - 2x^2 - 1$
- E) $x^4 - 2x^3 - 1$

MATHEMATICS

17. Sabrina invests for her son's future an amount of 6000 KM at an annual interest rate of 12%. How long will it take for the sum together with the interest to increase to 6540 KM?

- A) 7 months
- B) 8 months
- C) 9 months
- D) 10 months
- E) 11 months

18. Calculate the expression:

$$(2a - 3)(2a + 3) - 4a^2, \text{ za } a = \frac{3}{7}$$

- A) -9
- B) 9
- C) 5
- D) -5
- E) 3

SCIENCE

19. The term ecology was first used by German zoologist:

- A) Alexandar Von Humboldt
- B) Ernst Haeckel
- C) Charles Darwin
- D) Rachel Carson
- E) none of the above

20. Biotope is:

- A) The region of a habitat associated with a ecological community.
- B) Synonym for ecology
- C) The complex of non-living things
- D) The branch of biology
- E) None of the above

21. The acceleration is:

- A) The distance travelled
- B) The change of speed
- C) The change of distance
- D) The difference between the initial speed and the final speed
- E) The displacement vector

22. A 500 W power iron connected to the city mains of 220 V generates a current of magnitude:

- A) 110 000 A
- B) 55 A
- C) 2.27 A
- D) 3.3 A
- E) 4.1 A

23. All oxides in their composition have:

- A) Sulfur atoms
- B) Hydrogen atoms
- C) Carbon atoms
- D) Oxygen atoms
- E) Nitrogen atoms

24. Salts are formed by reactions:

- A) Electrolysis
- B) Sublimations
- C) Crystallization
- D) Oxidations
- E) Neutralization

ENGLISH LANGUAGE

Instruction: Choose the correct answer for the following questions.

25. The school dance takes _____ in the gym.

- A) up
- B) off
- C) care
- D) place
- E) over

26. While I _____ my homework, my friend _____.

- A) did, was ringing
- B) was doing, ringed
- C) was doing, rang
- D) do, was ringing
- E) did, is ringing

27. The play lasts for three hours, _____?

- A) doesn't it?
- B) wasn't it?
- C) isn't it?
- D) didn't it?
- E) hasn't it?

28. How many blood groups _____ in 1909 by Karl Landsteiner?

- A) was discovered
- B) is discovered
- C) have discovered
- D) were discovered
- E) are discovered

29. We're going dolphin watching in Scotland. Have you ever been to Scotland?

- A) I have visited New York, but I have never been to Scotland.
- B) I visited New York, but I have never been to Scotland.
- C) I visited New York, but I was never to Scotland.
- D) I have visited New York, but I had never been to Scotland.
- E) I have visited New York, but I never been to Scotland.






30. I _____ lunch, but I _____ lunch yesterday.

- A) just have had, didn't have
- B) have just had, didn't had
- C) have just had, hadn't
- D) just had, haven't had
- E) have just had, didn't have

LOGICAL REASONING

31. Which shape is missing?



- A) 
- B) 
- C) 
- D) 
- E) 

32. Which number comes next in the sequence!

3, 1, 0, 2, -3, 3, -6, 4, ?, ?

- A) 1, 3
- B) -9, 5
- C) 0, 2
- D) -3, -1
- E) 0, 0

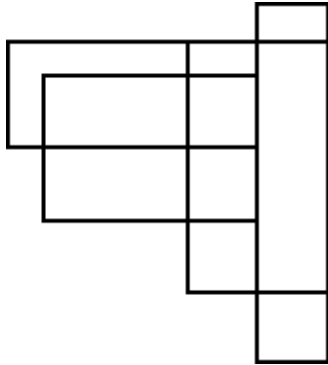
33. Choose the correct combination of letters.

RSTU	RTSU	UTSR
ABCD	ACBD	DCBA
LMNK	LNMK	????

- A) KNML
- B) LMNM
- C) LNMK
- D) KMNL
- E) MNKL

LOGICAL REASONING

34. How many four-sided figures are there?



- A) 17
- B) 20
- C) 21
- D) 23
- E) 25

35. Select the colored square which can be placed instead of the question mark (?)

$$\text{Blue square} = \text{Red square} \times 2$$

$$\text{Green square} - \text{Blue square} = \text{Red square}$$

$$\text{Green square} = \text{Red square} \times ?$$

- A) and
- B) only
- C) and
- D) only
- E) none of the above



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