

**FACULTY OF ECONOMICS  
UNIVERSITY OF KRAGUJEVAC**



**QUESTIONS FOR TEST OF GENERAL CULTURE**

For taking the entrance exam for enrollment at  
Undergraduate academic studies  
2024/2025

[www.ekfak.kg.ac.rs/en](http://www.ekfak.kg.ac.rs/en)  
[ntomic@kg.ac.rs](mailto:ntomic@kg.ac.rs)

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There are 150 possible questions, out of which candidate will take 30 random ones at entrance exam. Each question offers four possible answers, and only one is correct. First 120 questions are related to general knowledge, while last 30 are questions specific for Serbian history, geography and cultural heritage.

**1. What symbolizes a woman with a blindfold and a scale in her hand?**

- a) blindness
- b) eternal struggle
- c) justice
- d) survival

**2. What is the last name of famous violin producing family from Italy?**

- a) Stradivarius
- b) Bershka
- c) Zara
- d) Dutti

**3. Which was largest ancient state in Europe?**

- a) Greece
- b) Roman Empire
- c) Phoenicia
- d) Etruria

**4. Which famous songwriter and rock musician won Nobel Prize for literature in 2016?**

- a) Jim Morrison
- b) David Bowie
- c) Bob Dylan
- d) Billy Idol

**5. What are brothers Louis and Auguste Lumiere famous for?**

- a) constructed first airplane
- b) first conjoined twins
- c) discovered penicillin
- d) invented first camera

**6. Who is considered to be the founder of evolution theory?**

- a) Antonie van Leeuwenhoek
- b) James Cook
- c) Louis Pasteur
- d) Charles Darwin

**7. How many months in a year last exactly 30 days?**

- a) four
- b) five
- c) six
- d) seven

**8. What is a colporteur?**

- a) traditional dentist
- b) world traveler
- c) financial investor
- d) street seller

**9. Who was Confucius (Kong Qiu) ?**

- a) Japanese shogun
- b) Chinese philosopher
- c) Mongol warlord
- d) Korean poet

**10. Which is the deepest lake in the world?**

- a) Lake Superior
- b) Lake Tanganyika
- c) Lake Baikal
- d) Lake Michigan

**11. How many players on the court does a complete handball team have?**

- a) six
- b) seven
- c) eight
- d) nine

**12. Which organisms perform the process of photosynthesis?**

- a) animals
- b) plants
- c) mushrooms
- d) viruses

**13. Which European country is known for its geysers?**

- a) Iceland
- b) Denmark
- c) Norway
- d) Finland

**14. Who is the writer of famous book War and Peace?**

- a) Mikhail Sholokhov
- b) Fyodor Dostoevsky
- c) Ivan Turgenev
- d) Leo Tolstoy

**15. Along with Nina and Pinta, what was the name of the third ship Christopher Columbus used in his voyage to the shores of North America?**

- a) Santa Ana
- b) Santa Maria
- c) Santa Clara
- d) Santa Monica

**16. Where was the source of strength of a legendary hero Samson?**

- a) in his hair
- b) in his nails
- c) in his boots
- d) in his hat

**17. Which vitamin is created in organism under the influence of sunlight?**

- a) Vitamin A
- b) Vitamin B
- c) Vitamin C
- d) Vitamin D

**18. Which country experienced the largest hyperinflation in XX century?**

- a) Yugoslavia
- b) Hungary
- c) Germany
- d) Soviet Union

**19. Which of the following services does not belong to the company Meta?**

- a) Facebook
- b) WhatsApp
- c) Instagram
- d) Viber

**20. When did the first modern Olympic Games take place?**

- a) 1870
- b) 1884
- c) 1896
- d) 1908

**21. How is the transmission of information, sound or image over a distance through a technological medium called?**

- a) telekinesis
- b) telecommunications
- c) telepathy
- d) telegram

**22. Which of the following bird species is a mythical one?**

- a) phoenix
- b) dodo
- c) kiwi
- d) emu

**23. What is the name of a technology for distributed management of databases?**

- a) artificial intelligence
- b) blockchain
- c) cloud computing
- d) big data

**24. Who of the following is not an ancient sculptor?**

- a) Phidias
- b) Polykleitos
- c) Myron
- d) Tizian

**25. Which national team won the first title of world champion in football?**

- a) Uruguay
- b) Paraguay
- c) Argentina
- d) Brazil

**26. Which of following numbers are suitable to be used as Pitagorean triple?**

- a) 2, 3 and 4
- b) 3, 4 and 5
- c) 4, 5 and 6
- d) 5, 6 and 7

**27. When did the schism of the Christian church occur?**

- a) 954
- b) 1054
- c) 1154
- d) 1254

**28. Who is the Roman equivalent of Greek god Hermes?**

- a) Mercury
- b) Mars
- c) Neptun
- d) Uran

**29. What is the chemical symbol for silver?**

- a) Sl
- b) Au
- c) Ag
- d) Sv

**30. Who directed the movie "The Godfather"?**

- a) Brian de Palma
- b) Stanley Kubrick
- c) Robert Altman
- d) Francis Ford Coppola

**31. What invention is Johannes Gutenberg famous for?**

- a) mobile phone
- b) vacuum cleaner
- c) printing machine
- d) assembly line

**32. What is the title of the Newton's First Law?**

- a) Law of Inertia
- b) Law of Acceleration
- c) Law of Action-Reaction
- d) Law of Thermodynamics

**33. Which of following deserts is not located in Asia?**

- a) Karakum
- b) Kyzylkum
- c) Atakama
- d) Gobi

**34. Which was the first company founded by Ilon Musk?**

- a) eBay
- b) PayPal
- c) Yahoo!
- d) Tumblr

**35. How old was Ludwig van Beethoven when he composed his first sonata?**

- a) 12
- b) 15
- c) 17
- d) 29

**36. What is the basic structural and functional unit of all living organisms?**

- a) atom
- b) quantum
- c) core
- d) cell

**37. Who is considered to be one of the best baseball players in history?**

- a) Joe DiMaggio
- b) Tom Brady
- c) Tiger Woods
- d) Shaquille O'Neal

**38. What is the name of organization of oil producing countries?**

- a) OTAN
- b) OEBS
- c) OPEC
- d) OECD

**39. In which Canadian province French is the sole official language?**

- a) Manitoba
- b) Ontario
- c) Quebec
- d) Alberta

**40. Who was writer of epic poem The Divine Comedy?**

- a) Giovanni Boccaccio
- b) Dante Alighieri
- c) Francesco Petrarca
- d) Honore de Balzac

**41. What term is used for a fundamental truth or assumption that is accepted as indisputable and not proven within a particular mathematical theory?**

- a) theorem
- b) definition
- c) axiom
- d) hypothesis

**42. Who was the leader of the Hun tribes during invasion of Western Europe?**

- a) Attila
- b) Genghis-khan
- c) Khagan Bayan
- d) Toktamish

**43. What is the term used to describe the total value of all goods and services produced within a country in a given time period?**

- a) profit
- b) total export
- c) national income
- d) gross domestic product

**44. Which city will host 2032 Olympic Games?**

- a) Adelaide
- b) Brisbane
- c) Canberra
- d) Perth

**45. Which famous fashion designer was notorious for having his company design and manufacture uniforms for German SS units during World War II?**

- a) Christian Dior
- b) Tommy Hilfiger
- c) Louis Vuitton
- d) Hugo Boss

**46. Which economic system is characterized by private ownership, free market competition, and profit motive?**

- a) capitalism
- b) communism
- c) socialism
- d) environmentalism

**47. Which rock musician is the only one who entered rock hall of fame three times, as a member of bands Cream and Yardbirds and as a solo artist?**

- a) Joe Cocker
- b) Rod Stewart
- c) Eric Clapton
- d) Sting

**48. Which famous engineer is known for his pioneering work with steam engine?**

- a) James Watt
- b) Thomas Edison
- c) Guglielmo Marconi
- d) Alexander Graham Bell

**49. Which everyday kitchen item has a chemical formula NaCl?**

- a) sugar
- b) coffee
- c) flour
- d) salt

**50. When did Angola official declared independence?**

- a) 1955
- b) 1965
- c) 1975
- d) 1985

**51. Which city is considered to be birthplace of jazz music?**

- a) New Orleans
- b) San Francisco
- c) Saint Louis
- d) Las Vegas

**52. Which school of economic thought advocated the view that the state must actively influence the increase in aggregate demand in order to stimulate supply?**

- a) monetarism
- b) Keynesians
- c) mercantilism
- d) supply-side economics

**53. Who was the first Nobel Prize winner for physics?**

- a) Max Planck
- b) Wilhelm Conrad Röntgen
- c) Henri Becquerel
- d) Marie Curie

**54. When was daylight saving time introduced for the first time?**

- a) 1904
- b) 1908
- c) 1912
- d) 1916

**55. What is the sum of all angles in a rectangle?**

- a) 90
- b) 180
- c) 270
- d) 360

**56. Which territory in South America is the only French colony on that continent?**

- a) Guyana
- b) Bolivia
- c) Surinam
- d) Peru

**57. What is the term for the percentage of money paid as a fee for the use of borrowed funds or the income generated from savings investments?**

- a) financial income
- b) dividend
- c) revenue
- d) interest rate

**58. What is the name of a person who creates application code?**

- a) system administrator
- b) bookmaker
- c) software developer
- d) hacker

**59. When did Vietnam War end?**

- a) 1975
- b) 1976
- c) 1977
- d) 1978

**60. Where is located historically important city of Samarkand?**

- a) Turkmenistan
- b) Uzbekistan
- c) Tajikistan
- d) Kyrgyzstan

**61. What of the following is not a part of internal combustion engine?**

- a) piston
- b) cylinder
- c) braking system
- d) fuel injector

**62. What is the title of Steven Spielberg movie depicting the suffering of African slaves in the United states?**

- a) Amarok
- b) Armadillo
- c) Amarcord
- d) Amistad

**63. Who is patron?**

- a) stepfather
- b) antiques dealer
- c) owner of industrial company
- d) financial supporter of artists

**64. How many years did Hundred Years' War actually last?**

- a) 98
- b) 104
- c) 116
- d) 137

**65. Which river has the second largest flow after Amazon?**

- a) Congo
- b) Oranje
- c) Zambezi
- d) Niger

**66. Which team sport involves horses?**

- a) cricket
- b) lacrosse
- c) polo
- d) golf

**67. How is called a risk of spreading negative effects among various entities within economy?**

- a) grand risk
- b) systemic risk
- c) eternal risk
- d) infinite risk

**68. Which of the following is not a valid blood type?**

- a) A
- b) 0
- c) AB
- d) 0B

**69. Which video game features characters such as Liu Kang, Raiden and Johnny Cage?**

- a) Street Fighter
- b) Mortal Kombat
- c) Tekken
- d) God of War

**70. Where did the epic box match between Muhammad Ali and George Foreman take place?**

- a) Manila
- b) Teheran
- c) Kinshasa
- d) Marrakesh

**71. What is the simplest hydrocarbon?**

- a) Methane
- b) Ethan
- c) Propane
- d) Butane

**72. What was the previous name of Burkina Faso?**

- a) Upper Volta
- b) Rhodesia
- c) Dahomey
- d) Swaziland

**73. Which type of instrumental composition is written for the whole orchestra?**

- a) sonata
- b) symphony
- c) cantata
- d) suite

**74. Which mythical monster and genetic phenomenon share the name?**

- a) medusa
- b) chimera
- c) hydra
- d) minotaur

**75. What is the Latin name of modern day human species?**

- a) Homo erectus
- b) Homo habilis
- c) Homo sapiens
- d) Australopithecus afarensis

**76. What is the highest mountain peak in South America?**

- a) Elbrus
- b) Denali
- c) Kilimanjaro
- d) Aconcagua

**77. What was the name of the machine German army used to encrypt messages in WWII?**

- a) Riddle
- b) Puzzle
- c) Enigma
- d) Dilemma

**78. Which Asian nation is the most successful one at winter Olympics?**

- a) Japan
- b) South Korea
- c) China
- d) North Korea

**79. Whose most famous painting is called "The Night Watch"?**

- a) Peter Paul Rubens
- b) Vermeer van Delft
- c) Rembrandt van Rijn
- d) Anthony van Dyck

**80. Where is ancient region of Cappadocia located?**

- a) Jordan
- b) Turkey
- c) Lebanon
- d) Iraq

**81. How is sustained increase in the general price level of goods and services in an economy over a period of time called?**

- a) unemployment
- b) inflation
- c) aggregate demand
- d) profit

**82. Which of the following characters was not created by Walt Disney?**

- a) Bugs bunny
- b) Goofy
- c) Donald duck
- d) Pluto

**83. Who gave the approximation of the value of Pi which is still in use?**

- a) Euclid
- b) Blasé Pascal
- c) Leonardo Fibonacci
- d) Archimedes

**84. What is the foundation of modern computer processors?**

- a) vacuum tubes
- b) transistors
- c) integrated circuits
- d) diodes

**85. Which city was constructed in 1960s with the sole purpose of being a capital?**

- a) Canberra
- b) Ottawa
- c) Pretoria
- d) Brasilia

**86. How is award that honors outstanding achievements in the music industry called?**

- a) Emmy
- b) Grammy
- c) Oscar
- d) Felix

**87. Which science fiction franchise features a character named Luke Skywalker?**

- a) Star Wars
- b) Star Trek
- c) Star Gate
- d) Starship Troopers

**88. Which of the following was voted to be one of the New Seven Wonders of the World in 2007?**

- a) Stonehenge
- b) Statue of Liberty
- c) Timbuktu
- d) Taj Mahal

**89. Who is eminence?**

- a) fragrance producer
- b) person of high rank and importance
- c) bioenergy healer
- d) winner at a quiz

**90. When did United Kingdom officially leave European Union?**

- a) 2019
- b) 2020
- c) 2021
- d) 2022

**91. Which financial instrument represents a portion of ownership in a company?**

- a) stock
- b) bond
- c) swap
- d) future

**92. Which of the following dishes do not originates from Turkey?**

- a) kebab
- b) baklava
- c) goulash
- d) dolma

**93. Which capital city is the oldest one?**

- a) Damascus
- b) Athens
- c) Istanbul
- d) Tokyo

**94. In which movie is the highly recognizable musical theme called "Cavatina" used?**

- a) Twin Peaks
- b) Top Gun
- c) The Deer Hunter
- d) The Graduate

**95. How many molecules of oxygen does ozone have?**

- a) one
- b) two
- c) three
- d) four

**96. What is a name of a biome characterized by extensive forests predominantly consisting of coniferous trees?**

- a) savannah
- b) steppe
- c) tundra
- d) taiga

**97. Which art movement did Monet, Degas, and Renoir primarily represent in painting?**

- a) expressionism
- b) impressionism
- c) pointillism
- d) cubism

**98. Which South African state was German colony until 1915?**

- a) Zimbabwe
- b) Namibia
- c) Lesotho
- d) Zambia

**99. Who is rector?**

- a) colorectal surgeon
- b) head of university
- c) prosecutor
- d) motor mechanic

**100. When did the Battle at Angora occur?**

- a) 1402
- b) 1409
- c) 1412
- d) 1419

**101. Which sport is famous for Four hills tournament?**

- a) ski jumping
- b) Nordic combination
- c) carling
- d) figure skating

**102. Which company is at top of Fortune 500 list for 2023?**

- a) Coca-Cola
- b) Apple
- c) Walmart
- d) Exxon mobile

**103. Whose most famous waltz is titled "The Blue Danube"?**

- a) Franz List
- b) George Frideric Handel
- c) Robert Schumann
- d) Johan Straus II

**104. What is factorial of 6?**

- a) 720
- b) 960
- c) 1080
- d) 1440

**105. Who was first emperor of Roman Empire?**

- a) Julius Caesar
- b) Romulus
- c) Octavian
- d) Nero

**106. Which of the following car producing companies is not from Germany?**

- a) Volkswagen
- b) Opel
- c) Audi
- d) Chrysler

**107. Which film did Leonardo DiCaprio win an Oscar for Best Actor?**

- a) The Aviator
- b) The Revenant
- c) Departed
- d) The Wolf of Wall Street

**108. How many gold medals did Usain Bolt win at the Olympic Games (individual + team)?**

- a) five
- b) six
- c) seven
- d) eight

**109. Which of the following literary works was written in verse?**

- a) Eugene Onegin
- b) Ulysses
- c) Le Père Goriot
- d) The Master and Margarita

**110. When did Magellan expedition start its voyage?**

- a) 1492
- b) 1507
- c) 1519
- d) 1555

**111. Which video games producer and publisher is known for creating popular franchises such as Warcraft, Diablo, StarCraft and Overwatch?**

- a) Avalanche Entertainment
- b) Hurricane Entertainment
- c) Blizzard Entertainment
- d) Rainstorm Entertainment

**112. Which of the following is a formula of chemical compound Sodium nitrite?**

- a)  $\text{NaNO}_2$
- b)  $\text{Na}_2\text{SO}_4$
- c)  $\text{NaCl}$
- d)  $\text{NaOH}$

**113. Which mythical creatures are believed to be short sized and working in mines?**

- a) hobbits
- b) dwarfs
- c) goblins
- d) leprechauns

**114. Whose flag comprises three red stripes, two white stripes and a white star on blue band?**

- a) Cuba
- b) Haiti
- c) Jamaica
- d) Porto Rico

**115. What bone in human body has the Latin name "clavicula"?**

- a) collarbone
- b) thigh bone
- c) breastbone
- d) lower jaw

**116. When was the unification of Italy into single kingdom completed?**

- a) 1864
- b) 1866
- c) 1868
- d) 1870

**117. Who of the following actors won only one Oscar?**

- a) Gene Hackman
- b) Tom Hanks
- c) Al Pacino
- d) Dustin Hoffman

**118. What term is used to denote protein supplement used by bodybuilders?**

- a) whey
- b) whizzle
- c) wooper
- d) warez

**119. What are junk bonds?**

- a) bonds backed by physical assets
- b) bonds issued by government entities
- c) bonds with guaranteed fixed interest rates
- d) high-risk bonds with lower credit ratings

**120. What is the largest plain in Australia?**

- a) Atherton Tableland
- b) Ozark
- c) Nullarbor Plain
- d) Saskatchewan

**121. When did medieval Serbia lose its independence to Ottoman Empire?**

- a) 1389
- b) 1426
- c) 1453
- d) 1459

**122. When did modern Serbia regain its independence from Ottoman Empire?**

- a) 1804
- b) 1835
- c) 1878
- d) 1903

**123. Which country attacked Serbia for the start of World War I?**

- a) Austro-Hungary
- b) Turkey
- c) Germany
- d) Bulgaria

**124. Which country did not invade Yugoslavia in World War II?**

- a) Hungary
- b) Turkey
- c) Germany
- d) Bulgaria

**125. Which country, along with India and Yugoslavia, was the founder of The Non-Aligned Movement?**

- a) Egypt
- b) Vietnam
- c) Syria
- d) Morocco

**126. What is the name of northern autonomous province of Serbia?**

- a) Kosovo and Metohia
- b) Vojvodina
- c) Montenegro
- d) Macedonia

**127. Which national minority is the most numerous one in Serbia according to 2022 census?**

- a) Bulgarians
- b) Romanians
- c) Croats
- d) Hungarians

**128. What is general geography of Serbia?**

- a) Landlocked
- b) Coastal
- c) Peninsula
- d) Island

**129. Which river feeds into Danube near Belgrade?**

- a) Sava
- b) Tisa
- c) Drina
- d) Kolubara

**130. What colors comprise Serbian national flag?**

- a) red, green and white
- b) red, green and blue
- c) red, blue and white
- d) green, blue and white

**131. Which animal is the national symbol of Serbia?**

- a) bear with a sword
- b) two headed eagle
- c) gray wolf
- d) lion

**132. Which writer is the only one from former Yugoslavia to win a Nobel Prize?**

- a) Miroslav Krleža
- b) Meša Selimović
- c) Ivo Andrić
- d) Miloš Crnjanski

**133. Which great inventor was a Serb?**

- a) Albert Einstein
- b) Nikola Tesla
- c) Michael Faraday
- d) Thomas Edison

**134. Which director won two Golden Palms at the Cannes Film Festival?**

- a) Emir Kusturica
- b) Miloš Forman
- c) Wim Wenders
- d) Goran Marković

**135. Which Serbian scientist developed a theory that explains the cyclical climate changes?**

- a) Milutin Milanković
- b) Mihajlo Pupin
- c) Ruđer Bošković
- d) Andrija Mohorovičić

**136. When did Yugoslavia win its only Eurovision title?**

- a) 1986
- b) 1988
- c) 1989
- d) 1991

**137. When did Serbia win its only Eurovision title?**

- a) 2003
- b) 2007
- c) 2009
- d) 2012

**138. Which multinational car producing group owns a factory in Serbian city Kragujevac?**

- a) General Motors
- b) Toyota motor company
- c) Nissan-Renault-Mitsubishi Alliance
- d) Stelantis

**139. Which city was the first capital of modern Serbia?**

- a) Kragujevac
- b) Kruševac
- c) Smederevo
- d) Prizren

**140. Where is located the oldest factory founded in Serbia?**

- a) Belgrade
- b) Kragujevac
- c) Niš
- d) Novi Sad

**141. Which is the oldest national park in Serbia?**

- a) Kopaonik
- b) Đerdap
- c) Tara
- d) Fruška Gora

**142. Which of the following animals cannot be seen in Serbia in wild?**

- a) bear
- b) wild boar
- c) wolf
- d) leopard

**143. How many countries does Serbia border with?**

- a) six
- b) seven
- c) eight
- d) nine

**144. Which is the most successful sport for Serbia and Yugoslavia at Olympic Games?**

- a) water polo
- b) shooting
- c) wrestling
- d) athletics

**145. How many medals in total did Serbian sportsmen win at Olympic Games in Tokyo 2021?**

- a) nine
- b) ten
- c) eleven
- d) twelve

**146. Which was the only Serbian club to win a title of a European club champion in basketball?**

- a) Partizan
- b) Red Star
- c) Beobanka
- d) Hemofarm

**147. How many times did Yugoslavia win world cup in basketball?**

- a) three
- b) four
- c) five
- d) six

**148. Which tennis player won most Grand Slam titles?**

- a) Roger Federer
- b) Novak Djoković
- c) Raphael Nadal
- d) Pete Sampras

**149. Which non-American NBA player has most MVP titles?**

- a) Dirk Nowitzki
- b) Manu Ginobili
- c) Nikola Jokić
- d) Tony Parker

**150. Which ethnic and linguistic group of people do Serbs belong to?**

- a) Slavs
- b) Fino-Ugric
- c) Germans
- d) Romans

