

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-014), प्रशिक्षार्थी पदको खुला प्रतियोगितात्मक लिखित परीक्षा
२०८०।०५।०३

KEY [A]

पत्र : द्वितीय

समय : ३० मिनेट

पूर्णाङ्क : ५०

विषय : **General Knowledge and Social Studies**

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ । परीक्षामा calculator, mobile प्रयोग गर्न पाइनेछैन ।

Multiple Choice

25x2=50 Marks

1. Which is the first conservation area of Nepal?
A) Annapurna B) Dhorpatan C) Sagarmatha D) Makalu
2. Which is the largest metropolitan city of Nepal in term of area?
A) Kathmandu B) Pokhara C) Birgunj D) Bharatpur
3. In which district is Makalu mountain located?
A) Sankhuwasabha B) Solukhumbu C) Manang D) Mustang
4. Who is the first king of Ahir (Aabhir) Dynasty?
A) Bhasker Dev B) Rudra Singh C) Bar Singh D) Nanya Dev
5. Who had constructed the "Kasthamandap" in Nepal?
A) Yognarendra Malla B) Laxminarshingha Malla
C) Jagat Prakash Malla D) Ratna Malla
6. When did the Kot Massacre (Kot Parva) take place in the history of Nepal?
A) 1 Asoj, 1903 BS B) 2 Asoj, 1903 BS C) 3 Asoj, 1903 BS D) 4 Asoj, 1903 BS
7. What was the original name of King Janak of Mithila?
A) Seeradhawaja B) Dharmadhawaj C) Devadhawaj D) Mithileshdhawaj
8. Which article of the Constitution of Nepal has mentioned on about "Citizen Duties"?
A) Article-38 B) Article-45 C) Article-48 D) Article-52
9. How many women should be assured in the representation of the federal parliament from each party?
A) 33 percent of total elected Member of Parliament from each party
B) 40 percent of total elected Member of Parliament from each party
C) 50 percent of total elected Member of Parliament from each party
D) 66 percent of total elected Member of Parliament from each party
10. What is the percentage of seed replacement rate of major crops at the end of fifteenth periodic plan?
A) 20 B) 25 C) 35 D) 40
11. What are supposed to be the three pillars of Nepali economy in accordance with the spirit of the Constitution of Nepal?
A) Public, Private and Technical Sector B) Public, Private and Cooperative Sector
C) Public, Banking and Agriculture Sector D) Public, Private and Infrastructure Sector
12. Which of the following is known as "National Pride Project"?
A) Kathmandu-Terai Fast Track B) Melamchi Khanepani Project
C) Sikta Irrigation Project D) All of the above
13. According to the National Census, 2078, how many castes are there in Nepal?
A) 140 B) 141 C) 142 D) 143

Contd...

A - 2, Basic Aerodrome Rescue and Fire Fighting Course (ARFF-014), प्रशिक्षार्थी

14. According to the National Census, 2078, what is the population growth rate of Nepal?
A) 1.35% B) 1.12% C) 1.02% D) 0.92%
15. "Affordable and Clean Energy" is a goal of sustainable development goals. It is mentioned in goal number
- A) 5 B) 6 C) 7 D) 8
16. When is the National Science Day celebrated in Nepal?
A) Asoj 1 B) Kartik 1 C) Mangsir 1 D) Push 1
17. Which country had developed the world's first Floating Nuclear Plant?
A) Germany B) France C) USA D) Russia
18. When were the ATC services taken over by Nepali personnel from Indian technicians?
A) 1970 AD B) 1972 AD C) 1974 AD D) 1975 AD
19. Which of the following SAARC countries is in the highest rank in good governance?
A) India B) Sri Lanka C) Maldives D) Bhutan
20. Which of the following countries is not member of BIMSTEC?
A) Myanmar B) India C) Pakistan D) Sri Lanka
21. How many articles are there in South Asian Association for Regional Cooperation (SAARC) charter?
A) 7 B) 8 C) 9 D) 10
22. Who is the founder of National Innovation Center?
A) Mahabir Pun B) Kedar Man Bethit
C) Gehendra Shamsher D) None of the above
23. Who has been awarded by "Vanira Pragya Award, 2080"?
A) Bairagi Kaila B) Bhairav Risal C) Nawa Raj Lamsal D) Gopal Parajuli
24. Name the body of the United Nations to which Nepal has recently elected through majority votes.
A) ECOSOC
B) Security Council
C) ICJ
D) UN General Assembly Management Committee
25. Who is the winner of Miss Nepal, 2023?
A) Kriti Bartaula B) Srichchha Pradhan C) Unnati Gurung D) Kritika Basnet

- The End -

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-014), प्रशिक्षार्थी पदको खुला प्रतियोगितात्मक लिखित परीक्षा
२०८०/०५/०३

पत्र : तृतीय
समय : १ घण्टा ३० मिनेट

पूर्णाङ्क : ५०

विषय : English Paper

1. Write an essay in about 150 words on "The importance of tourism in Nepal". 15
2. Rearrange the following jumbled words order to make meaningful sentences. 5x2=10
 - a) expect/do/kind/we/what/of/children/treatment/our/from
 - b) past/by/were/Hindu/the/dominated/women/men/the/in/badly
 - c) Asian/Amrit/found/Book/an/in/women/Wilson's
 - d) for/the/they/the/outside/vote/are/waiting/counting/center/results
 - e) the/advocated/release/prison/captives/Lawyers/the/for/of/from
3. Fill in the blanks with correct answer from the given brackets below. 5x2=10
 - a) Look! Somebody coffee on the carpet. (has been spilt, is spilling, spill, has spilt)
 - b) The passive form of "Don't pass the salt" is (Let not be the salt pass, Let not the salt be passed, Let not be the salt passed, Do not let the salt pass)
 - c) Sajana got her sister a taxi. (call, to call, called, calling)
 - d) The indirect speech of Ram said to me, "Why did you study hard?" is (Ram asked me why I studied hard, Ram asked me why I had studied hard, Ram asked to me why I had been studied hard, Ram asked me why I study hard)
 - e) We were good friends. We each other for a long time. (have known, had known, knew, have been knowing)
4. Read the following passage and answer the questions below. 5X3=15

Out of 50 airports, including Tribhuvan International Airport, 29 airports are in regular flight operation. The black-topped runways have been numbered to 28. Black-topping of runways of Dolpa (Jufal), Baitadi (Patan), Doti, Lamidanda, Rajbiraj, Sanfebagar and Thamkhark will be completed by running fiscal year. Similarly, Kalikot, Ilam, Khiji Chandeshwori, Gulmi Resunga and Arghakhachi airports are under construction. Biratnagar Aerodrome has been certified and Nepalgunj Aerodrome will be certified in the running fiscal year.

Facilitation progress can be seen in TIA. Four new escalators have been installed and brought into operation in Departure and Arrival Halls. Bay No. 4 has been rehabilitated. Remote Parking Bay capable of handling two medium jet aircrafts will be completed in the running fiscal year. Modifications have been done in General Lighting System.

Basic Aerodrome Rescue and Fire Fighting Course (ARFF-014), प्रश्नार्थी - 2

Runway Expansion, ITB Extension and Improvement in Utility works are in progress under Air Transport Capacity Enhancement Project.

Works under Gautam Buddha International Airport are in progress, Minimum of 60% progress is expected in running fiscal year. Similarly, with the subsidiary loan agreement, the work of Pokhara Regional International Airport has been commenced. Furthermore, MoU between CAAN and Nepal Army has initiated works for Second International Airport.

Questions:

- a) What are the remarkable facilities in Tribhuvan International Airport?
- b) Out of 50 airports, including Tribhuvan International Airport, 29 airports are in regular flight operation. Why?
- c) What types of modifications have been made in General Lighting System?
- d) Are all these airports really necessary for Nepal? Give reasons.
- e) Shed light on the necessities of Gautam Buddha International Airport and Pokhara Regional International Airport.

- The End -

लोक सेवा आयोग

नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-015) को खुला प्रतियोगितात्मक लिखित परीक्षा

२०८१।०२।२०

पत्र : तृतीय

समय : १ घण्टा ३० मिनेट

पूर्णाङ्क : ५०

विषय : English Paper

1. Rearrange the following jumbled words to make meaningful sentences. 5x2=10
- indeed/friend/a/in/friend/need/is/a
 - few/had/only been a/rain/minutes/she/since/had walked/it/outside/it began to/when
 - to/be/his/Roshan/the/hard/class/is/working/in/order/best
 - day/it/a/is/beautiful
 - my/temple/mother/the/visits/everyday

2. Do the followings as instructed/required. 5x2=10
- He is good playing cricket. (at/in)
 - We eat rice, (question tag)
 - I am a doctor. (yes/no question)
 - He is leaning the tree. (against/on)
 - Most of the workers are very active but one of them a lot. (cheat/cheats/cheated)

3. Read the following passage and answer the questions below. 5X3=15

Before the war American International Civil Aviation was symbolized by Pan American Airways, which had been developed by its dynamic president Juan Trippe from a single service in 1927 into the dominant international carrier. Under Trippe's direction and with the help of friends and supporters in Congress, in the 1930s Pan Am expanded through Latin America, to Europe via the Azores and Portugal, and across the Pacific. And, while wartime developments either destroyed or forced most European international carriers to drastically cut their services, Pan Am continued to expand thanks, in part, to War Department contracts to construct bases in Latin America and the West Indies and to establish an air route to Africa via South America. By 1939 Pan Am was the largest international airline in the world and its route system totaled more than 60,000 miles; two years later it surpassed 98,000 - more than all of the European services combined. Looking to the postwar period, Pan Am sought to entrench its position - despite being privately owned - as America's 'chosen instrument' in international aviation.

Questions:

- Who is Juan Trippe?
- What is the contribution of Pan Am?
- Why did Pan Am seek to entrench its position despite being privately owned?
- Why is the date 1939 important?
- What did Pan Am do in 1930s?

Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015) - 2

4. Civil Aviation Academy of Nepal (CAAN) is committed to producing trained human resource for the safety in all aspects of aviation. However, the services provided so far have not been completely flawless. Write an essay in about 150 words highlighting the role of CAAN in ensuring error-free services in the field within its jurisdiction. 15

- The End -

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-015) को खुला प्रतियोगितात्मक लिखित परीक्षा
२०८१।०२।२०

KEY [B]

पत्र : द्वितीय
समय : ३० मिनेट

पूर्णाङ्क : ५०

विषय : General Knowledge and Social Studies

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ । परीक्षामा calculator, mobile प्रयोग गर्न पाइनेछैन ।

Multiple Choice

25x2=50 Marks

- What is the full form of SAARC?
A) Southern Asian Association for Regional Cooperation
B) South Asian Association for Regional Cooperation
C) South Asian Associate for Regional Cooperation
D) Southern Asian Associate for Regional Cooperation
- Robotics is based on the system.
A) artificial human
B) digital intelligence
C) natural intelligence
D) artificial intelligence
- Study the following statements and choose the correct alternative.
I) The trade name of Space Exploration Technologies Corp. is 'Space X'.
II) NASA has operated Space X.
A) I and II both are correct
B) I and II both are incorrect
C) Only I is correct
D) Only II is correct
- What was the name of the space shuttle that landed man on the moon?
A) Apollo
B) Columbia
C) Challenger
D) Eagle
- Which of the following is the objective of SDG-1?
A) To ensure gender equality
B) To promote economic growth
C) To end poverty
D) To achieve quality education
- What is the sex ratio of males per 100 females in the National Census, 2078 of Nepal?
A) 95.60
B) 95.59
C) 94.59
D) 93.59
- The primary cause of acid rain around the world is
A) Carbon dioxide
B) Ozone
C) Sulphur dioxide
D) Carbon monoxide
- Which of the following is not the National Pride Project of Nepal?
A) Kathmandu-Terai Expressway
B) Melamchi Drinking Water Project
C) Lumbini Area Development Project
D) Betan Karnali Hydropower Project
- Which of the following is not the main purpose of Sunkoshi-Marin Diversion Multipurpose Project?
A) Irrigation
B) Recreation
C) Hydroelectricity production
D) Drinking water

B - 2, Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015)

10. What is the total length of Mid-Hill Highway?
A) 1880km B) 1885km C) 1879km D) 1875km
11. Which of the following is not correct?
A) The Constitution of Nepal has established Federal Democratic Republic type of constitutional system
B) The Constitution of Nepal has provisioned three tiers of government
C) Inclusion is also a main feature of the Constitution of Nepal
D) Nepal Government is responsible to interpret the constitution with the consultation of judiciary and administration
12. According to present constitution, every citizen
A) will have the right to food sovereignty
B) shall have the right to food sovereignty
C) shall have the right to food sovereignty in accordance with law
D) will have the right in accordance with the law
13. According to the Constitution of Nepal, how many (maximum) members (including chairperson) can be appointed in National Natural Resources and Fiscal Commission?
A) 4 B) 5 C) 6 D) 7
14. When is Bir Hospital established?
A) 1945 BS B) 1947 BS C) 1949 BS D) 1950 BS
15. Who introduced the printing press first in Nepal?
A) Jung Bahadur Rana B) Mohan Shamsheer
C) Chandra Shamsheer D) Jay Prithivi Bahadur Singh
16. Who started Bisket Jatra?
A) Jagjyoti Malla B) Bhupatindra Malla C) Narendra Malla D) Ranajit Malla
17. What is the average east-west length of Nepal?
A) 793km B) 885km C) 995km D) 1058km
18. The sub-tropical high pressure belt is also known as
A) doldrums B) roaring forties C) furious fifties D) horse latitudes
19. What is the elevation of Simikot Airport?
A) 2855m B) 2971m C) 3000m D) 3500m
20. When and where was the 19th Summit of the Non-Aligned Movement (NAM) held?
A) 2024 January, Kampala (Uganda) B) 2024 February, Dubai (UAE)
C) 2024 March, Baku (Azerbaijan) D) 2024 April, Cairo (Egypt)
21. Which of the following districts has negative population growth rate according to National Census, 2078?
A) Kalikot B) Rolpa C) Mustang D) Nuwakot
22. How much percentage of economic growth rate in 2024 is forecasted by World Bank in Nepal?
A) 2.4% B) 3.3% C) 3.4% D) 3.5%

B - 3, Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015)

23. Who is the current president of the World Bank?

- A) Ajaya Banga B) Geeta Gopinath C) David Muller D) Dimitri Golcher

24. Which of the following is a Latin American regional institution?

- A) EU B) APEC C) MERCOSUR D) ASEAN

25. Which of the following is not a member of BIMSTEC?

- A) Nepal B) Thailand C) Pakistan D) India

- The End -

उत्तरपुस्तिकामा KEY अनिवार्य रूपमा लेख्नुहोला ।

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-015) को खुला प्रतियोगितात्मक लिखित परीक्षा
२०८१।०२।२०

पत्र : तृतीय
समय : १ घण्टा ३० मिनेट

पूर्णाङ्क : ५०

विषय : English Paper

1. Rearrange the following jumbled words to make meaningful sentences. 5x2=10
- indeed/friend/a/in/friend/need/is/a
 - few/had/only been a/rain/minutes/she/since/had walked/it/outside/it began to/when
 - to/be/his/Roshan/the/hard/class/is/working/in/order/best
 - day/it/a/is/beautiful
 - my/temple/mother/the/visits/everyday

2. Do the followings as instructed/required. 5x2=10
- He is good playing cricket. (at/in)
 - We eat rice, (question tag)
 - I am a doctor. (yes/no question)
 - He is leaning the tree. (against/on)
 - Most of the workers are very active but one of them a lot. (cheat/cheats/cheated)

3. Read the following passage and answer the questions below. 5X3=15

Before the war American International Civil Aviation was symbolized by Pan American Airways, which had been developed by its dynamic president Juan Trippe from a single service in 1927 into the dominant international carrier. Under Trippe's direction and with the help of friends and supporters in Congress, in the 1930s Pan Am expanded through Latin America, to Europe via the Azores and Portugal, and across the Pacific. And, while wartime developments either destroyed or forced most European international carriers to drastically cut their services, Pan Am continued to expand thanks, in part, to War Department contracts to construct bases in Latin America and the West Indies and to establish an air route to Africa via South America. By 1939 Pan Am was the largest international airline in the world and its route system totaled more than 60,000 miles; two years later it surpassed 98,000 - more than all of the European services combined. Looking to the postwar period, Pan Am sought to entrench its position - despite being privately owned - as America's 'chosen instrument' in international aviation.

Questions:

- Who is Juan Trippe?
- What is the contribution of Pan Am?
- Why did Pan Am seek to entrench its position despite being privately owned?
- Why is the date 1939 important?
- What did Pan Am do in 1930s?

Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015) - 2

4. Civil Aviation Academy of Nepal (CAAN) is committed to producing trained human resource for the safety in all aspects of aviation. However, the services provided so far have not been completely flawless. Write an essay in about 150 words highlighting the role of CAAN in ensuring error-free services in the field within its jurisdiction. 15

- The End -

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्रशिक्षण प्रतिष्ठान, Basic Aerodrome Rescue and Fire Fighting Course
(ARFF-015) को खुला प्रतियोगितात्मक लिखित परीक्षा
२०८१/०२/२०

KEY [B]

पत्र : द्वितीय
समय : ३० मिनेट

पूर्णाङ्क : ५०

विषय : General Knowledge and Social Studies

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ । परीक्षामा calculator, mobile प्रयोग गर्न पाइनेछैन ।

Multiple Choice

25x2=50 Marks

1. What is the full form of SAARC?
A) Southern Asian Association for Regional Cooperation
B) South Asian Association for Regional Cooperation
C) South Asian Associate for Regional Cooperation
D) Southern Asian Associate for Regional Cooperation
2. Robotics is based on the system.
A) artificial human
B) digital intelligence
C) natural intelligence
D) artificial intelligence
3. Study the following statements and choose the correct alternative.
I) The trade name of Space Exploration Technologies Corp. is 'Space X'.
II) NASA has operated Space X.
A) I and II both are correct
B) I and II both are incorrect
C) Only I is correct
D) Only II is correct
4. What was the name of the space shuttle that landed man on the moon?
A) Apollo
B) Columbia
C) Challenger
D) Eagle
5. Which of the following is the objective of SDG-1?
A) To ensure gender equality
B) To promote economic growth
C) To end poverty
D) To achieve quality education.
6. What is the sex ratio of males per 100 females in the National Census, 2078 of Nepal?
A) 95.60
B) 95.59
C) 94.59
D) 93.59
7. The primary cause of acid rain around the world is
A) Carbon dioxide
B) Ozone
C) Sulphur dioxide
D) Carbon monoxide
8. Which of the following is not the National Pride Project of Nepal?
A) Kathmandu-Terai Expressway
B) Melamchi Drinking Water Project
C) Lumbini Area Development Project
D) Betan Karnali Hydropower Project
9. Which of the following is not the main purpose of Sunkoshi-Marin Diversion Multipurpose Project?
A) Irrigation
B) Recreation
C) Hydroelectricity production
D) Drinking water

B - 2, Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015)

10. What is the total length of Mid-Hill Highway?
A) 1880km B) 1885km C) 1879km D) 1875km
11. Which of the following is not correct?
A) The Constitution of Nepal has established Federal Democratic Republic type of constitutional system
B) The Constitution of Nepal has provisioned three tiers of government
C) Inclusion is also a main feature of the Constitution of Nepal
D) Nepal Government is responsible to interpret the constitution with the consultation of judiciary and administration
12. According to present constitution, every citizen
- A) will have the right to food sovereignty
B) shall have the right to food sovereignty
C) shall have the right to food sovereignty in accordance with law
D) will have the right in accordance with the law
13. According to the Constitution of Nepal, how many (maximum) members (including chairperson) can be appointed in National Natural Resources and Fiscal Commission?
A) 4 B) 5 C) 6 D) 7
14. When is Bir Hospital established?
A) 1945 BS B) 1947 BS C) 1949 BS D) 1950 BS
15. Who introduced the printing press first in Nepal?
A) Jung Bahadur Rana B) Mohan Shamsheer
C) Chandra Shamsheer D) Jay Prithivi Bahadur Singh
16. Who started Bisket Jatra?
A) Jagjyoti Malla B) Bhupatindra Malla C) Narendra Malla D) Ranajit Malla
17. What is the average east-west length of Nepal?
A) 793km B) 885km C) 995km D) 1058km
18. The sub-tropical high pressure belt is also known as
- A) doldrums B) roaring forties C) furious fifties D) horse latitudes
19. What is the elevation of Simikot Airport?
A) 2855m B) 2971m C) 3000m D) 3500m
20. When and where was the 19th Summit of the Non-Aligned Movement (NAM) held?
A) 2024 January, Kampala (Uganda) B) 2024 February, Dubai (UAE)
C) 2024 March, Baku (Azerbaijan) D) 2024 April, Cairo (Egypt)
21. Which of the following districts has negative population growth rate according to National Census, 2078?
A) Kalikot B) Rolpa C) Mustang D) Nuwakot
22. How much percentage of economic growth rate in 2024 is forecasted by World Bank in Nepal?
A) 2.4% B) 3.3% C) 3.4% D) 3.5%

B - 3, Basic Aerodrome Rescue and Fire Fighting Course (ARFF-015)

23. Who is the current president of the World Bank?
A) Ajaya Banga B) Geeta Gopinath C) David Muller D) Dimitri Golcher
24. Which of the following is a Latin American regional institution?
A) EU B) APEC C) MERCOSUR D) ASEAN
25. Which of the following is not a member of BIMSTEC?
A) Nepal B) Thailand C) Pakistan D) India

- The End -

उत्तरपुस्तिकामा KEY अनिवार्य रूपमा लेख्नुहोला ।