

नेपाल नागरिक उड्डयन प्राधिकरण
प्राविधिक, एभिएशन फायर सर्भिस, पाँचौं वरिष्ठ सहायक पदको
नमूना प्रश्नपत्र

पत्र : प्रथम (वस्तुगत बहुउत्तर)

समय : ४५ मिनेट

विषय : सामान्य ज्ञान, बौद्धिक परीक्षण (५०×२)

पूर्णाङ्क १००

१. नेपालको राष्ट्रिय भण्डाको तल्लो भागमा हुने सेतो आकारको सूर्यमा कति वटा कोण हुन्छन् ?
A. ८ B. १० C. १२ D. १४
२. डायनोमो (Dynamo) ले के काम गर्छ ?
A. ताप उर्जालाई विद्युतिय उर्जामा बदल्छ
B. मेकानिकल उर्जालाई विद्युतिय उर्जामा बदल्छ
C. चुम्बकिय उर्जालाई विद्युतिय उर्जामा बदल्छ
D. केमिकल उर्जालाई विद्युतिय उर्जामा बदल्छ
३. व्यवस्थापिका संसदको निर्वाचनमा मतदान गर्न कति वर्ष पूरा भएको हुनुपर्दछ ?
A. १६ वर्ष B. १८ वर्ष C. २१ वर्ष D. २५ वर्ष
४. इराकको पुरानो नाम के हो ?
A. जन्जीवार B. रोडेसिया C. कम्पुचिया D. मेसोपेटामिया
५. ओजन तह क्षयीकरण गर्न कुन ग्यासको भूमिका छ ?
A. क्लोरोफोरोकार्वन B. कार्वनमनो अक्साइड
C. कार्वनडाइ अक्साइड D. मर्करिक अक्साइड
६. फ्रिक्वन्सी के मा नापिन्छ ?
A. एम्पायर B. हर्ज B. वेभ D. हर्सपावर
७. प्रतिलिपि अधिकार सम्बन्धि कार्य जिम्मेवारी कुन मन्त्रालय अर्न्तगत पर्दछ ?
A. भूमि सुधार तथा व्यवस्था मन्त्रालय B. गृह मन्त्रालय
C. शिक्षा मन्त्रालय D. संस्कृति पर्यटन तथा नागरिक उड्डयन मन्त्रालय
८. राष्ट्रिय जनगणना २०६८ अनुसार नेपालको जनघनत्व (प्रति वर्ग कि.मी) कति छ ?
A. १५७ जना B. १८० जना
C. २०१ जना D. २११ जना
९. जुफाल विमानस्थल कुन जिल्लामा पर्छ ?
A. डोल्पा B. हुम्ला
C. जाजरकोट D. रुकुम
१०. Bay of Bangle initiative for Multi-sectoral Technical and Economic Co-operation (BIMSTEC) को सचिवालय कुन देशमा छ ?
A. थाइल्याण्डको बैकक B. भारतको मुम्बई
C. बंगलादेशको ढाका D. म्यानमारको याङ्गुन
११. पृथ्वीनारायण शाहको जन्म कहिले भएको थियो ?
A. वि.सं. १७८० पुस २७ B. वि.सं. १७७९ पुस २७
C. वि.सं. १७९९ पुस २७ D. वि.सं. १८०१ पुस २७

- १२ इश्वरपुर नगरपालिका कुन जिल्लामा पर्छ ?
 A धनुषा B सिन्धुली
 C सप्तरी D सर्लाही
- १३ रामसार महासन्धि कहिले देखि लागू भयो ?
 A १९७४ डिसेम्बर २१ B १९७५ डिसेम्बर २१
 C १९७६ डिसेम्बर २१ D १९७७ डिसेम्बर २१
- १४ नेपालको वर्तमान संविधानमा कतिवटा मौलिक हकहरुको व्यवस्था गरेको छ ?
 A २५ वटा B २७ वटा
 C २९ वटा D ३१ वटा
- १५ ललितपुरको खोकना देखि बाराको निजगढसम्मको फास्ट ट्रयाकको लम्बाई कति छ ?
 A ७५ किलोमिटर B ७६ किलोमिटर
 C ७७ किलोमिटर D ७८ किलोमिटर

16 'Reading' is related to 'Knowledge' in the same way as 'Work' is related to :
 a. Money b. Engagement c. Employment d. Experience

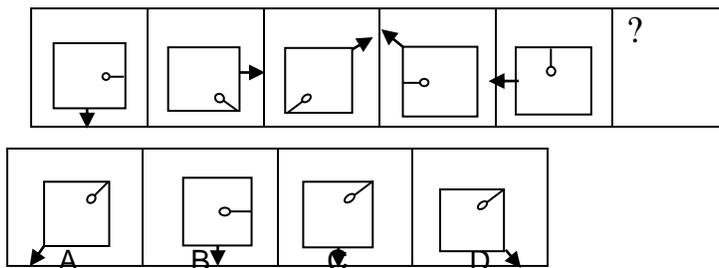
17 In the following find out the alternative which will replace the question mark. Parts: Strap: Wolf: ?

18 If the TABLE is coded as UACMET in a certain language, then how is CAPSULE written in that code?
 a) BAORUKE b) DAQTUME c) BAQRUKE d) DAOTUME

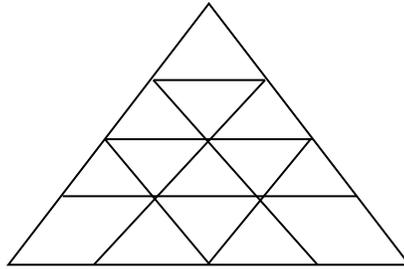
19 Choose the word which is different from the rest.
 a) Anger b) Anxiety c) Feeling d) Joy

20 Find out the alternative which will replace the question mark.
 a) E b) N c) O d) T

21 Which figure should replace the question mark?

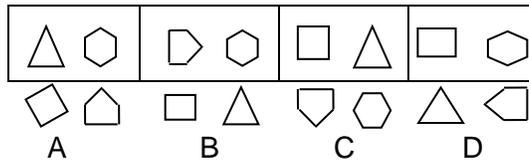


22 What is the total number of triangles in the below grid?



- A) 22 B) 23 C) 26 D) 27

23 Choose the figure which is different from the rest.

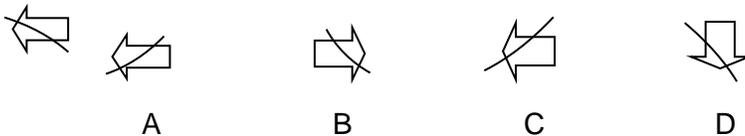


24 What is missing number?

E	C	O
B	A	B
G	B	N
D	B	?

- A) H B) T C) K D) E

25 Which is the correct image from the given four images?



26 The principal objective of Airport Rescue and Fire Fighting Service is to;

- a) Save equipment b) Save properties
c) Save lives d) Save other things

27 The RFF service at an airport should normally be under the administrative control of;

- a) Civil aviation b) Director General
c) Directorates d) Airport management

28 The most important factors on effective rescue and fire fighting in aircraft accident or incident are;

- a) Training received b) Effectiveness of equipment
c) Personnel and equipment deployed d) All of the above

29 Response time should be maintained;

- a) Within 3 minute not more than 4 minutes during the accident/incident
b) Within 4 minute not more than 5 minutes during the accident/incident
c) Within 2 minute not more than 3 minutes during the accident/incident
d) Within 1 minute not more than 2 minutes during the accident/incident

30 How many number of fire fighting vehicle to be made available at ARFF Service to maintained category-9?

- a) Two fire vehicle b) Three fire vehicle
c) Four fire vehicle d) Five fire vehicle

- 31 "Acknowledge" used as phraseology, what do you understand about this phraseology?
a) Permission for proposed action granted
b) Let me know that you have received and understood this message
c) Consider that transmission as not sent
d) I repeat for clarity or emphasis
- 32 Which is the correct pronunciation of word "Bravo",
a) BRA VOH
b) BRAH VO
c) BRAH VOH
d) BRAAH VOH
- 33 If an aircraft will have been accident/incident on the runway of the airport, which types of foam should be used for runway foaming.
a) Fluro protein foam
b) Protein foam
c) AFFF foam
d) FFFP foam
- 34 Heat is a source of energy that contact from one body to another is known as a;
a) Convection
b) Conduction
c) Radiation
d) Absorption
- 35 What kinds of chemical are used in Soda Acid type of fire extinguishing agents?
a) Sodium bicarbonates and Ammonium sulphate
b) Sodium bicarbonates and aluminum sulphate
c) Sodium bicarbonate and hydrochloric acid
d) Sodium bicarbonate and sulphuric acid
- 36 An according to the principal of rescue, which is not gaining access in the aircraft?
a) Normal doors
b) Emergency exits
c) Emergencies stair
d) Luggage doors
- 37 If the casualty is minor injuries and could not stand-up by himself, rescuer should use;
a) Fireman drags method
b) Blanket drag method
c) Assist to walk
d) Lift and carry
- 38 Ropes should be storage in,
a) Clean, dry and adequate ventilation
b) Top of the roofs
c) Under the fire vehicles
d) Common locker
- 39 The metal rods running from one beam to another is known as;
a) Rails
b) Pulley
c) Tie rods
d) Fly
- 40 For uniting two lines hose into one is known as
a) Dividing breaching
b) Collecting head or breaching
c) Reducing breaching
d) None of the above
- 41 What do you understand by 'size up'
a) It is the best approaching procedure
b) It is the technique of receiving the information
c) It is an action plan determined by the commander for best possible fire attack on the aircraft, enroute
d) It is the best positioning of vehicle

42 Which one is the correct Response procedures to fighting the aircraft fire?

- a) Rescue, Attack, Extinguishment and Control
- b) Attack, Control, Rescue and Extinguishment
- c) Extinguishment, Attack, Rescue and Control
- d) Control, Extinguishment, Rescue and Attack

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The End

नेपाल नागरिक उड्डयन प्राधिकरण
प्राविधिक, एभिएसन फायर सर्भिस, पाँचौं वरिष्ठ सहायक पदको
नमूना प्रश्नपत्र

पत्र : द्वितीय

पूर्णाङ्क : १००

समय : २ घण्टा ३० मिनेट

विषय : सेवा सम्बन्धी

1. What are the Types of Fire Extinguishing methods ? State . 5
2. What do you know about foam concentration ? 5
3. Define the fire tetrahedron and extinction by interruption of the chemical chain reaction? 5
4. What are the duty and responsibility of fire watch tower personnel? 5
5. What is firefighting foam? Write its types. 5
6. How do you define stress importance message? 5
7. What do you know about basic guidelines of the rescue principle? 5
8. During aircraft accident on airport, mention the action role by airport fire service according to Tribhuvan International Airport Emergency plan. 5
9. What will be your role and responsibilities as a commander in case of full emergencies at airport? Explain. 10
10. Why Physical training and squad drill is needed in the fire service? 5
11. How does a foam making equipment make finished foam? Explain. 5
12. Which pump is used in RFF vehicles? How does it work ? Explain. 5
13. What is water hammering? Mention its causes. 5
14. What is combustion? Write down the key notes of production of combustion. 5
15. Why is crew deployment important in fire service? 5
16. What is Breathing Apparatus? In what condition rescue and fire fighters wear Breathing Apparatus? 5
17. Why rescue and firefighting service should be provided in the airports? 5
18. What is principal extinguishing agent and how may this agent are being used in airport rescue and firefighting service? Discuss. 10