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- 1. The first one - [illegible]
- 2. The second one - [illegible]
- 3. The third one - [illegible]
- 4. The fourth one - [illegible]



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11. *[Faint, illegible text]*

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14. *[Faint, illegible text]*

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1. Complete the following table by writing the name of the element in the box. The element is a metal or a non-metal.

Symbol	Name of the element	Is it a metal or a non-metal?
Na	Sodium	Metal
Cl	Chlorine	Non-metal
Al	Aluminium	Metal
S	Sulphur	Non-metal
Ca	Calcium	Metal
P	Phosphorus	Non-metal
Fe	Iron	Metal
C	Carbon	Non-metal
K	Potassium	Metal
N	Nitrogen	Non-metal
Mg	Magnesium	Metal
O	Oxygen	Non-metal
Zn	Zinc	Metal
Br	Bromine	Non-metal
Ba	Barium	Metal
I	Iodine	Non-metal
Li	Lithium	Metal
Ag	Silver	Metal
Hg	Mercury	Metal
Cu	Copper	Metal
Sn	Lead	Metal
Pb	Lead	Metal
Bi	Bismuth	Metal
As	Antimony	Metal
Sb	Antimony	Metal
Te	Tellurium	Metal
Se	Selenium	Non-metal
Cr	Chromium	Metal
Mn	Manganese	Metal
Co	Cobalt	Metal
Ni	Nickel	Metal
Pd	Palladium	Metal
Pt	Platinum	Metal
Au	Gold	Metal
H	Hydrogen	Non-metal
He	Helium	Non-metal
Ne	Neon	Non-metal
Ar	Argon	Non-metal
Kr	Krypton	Non-metal
Xe	Xenon	Non-metal
Rn	Radon	Non-metal



2. Write the names of the elements in the following groups of the periodic table.

Group 1: Hydrogen, Lithium, Sodium, Potassium, Rubidium, Caesium, Francium

Group 2: Beryllium, Magnesium, Calcium, Strontium, Barium, Radium

Group 3: Scandium, Yttrium, Lanthanum, Actinium

Group 4: Titanium, Zirconium, Hafnium, Rutherfordium

Group 5: Vanadium, Niobium, Tantalum, Dubnium

Group 6: Chromium, Manganese, Technetium, Rhenium, Dubnium

Group 7: Manganese, Technetium, Rhenium, Dubnium

Group 8: Iron, Cobalt, Nickel, Ruthenium, Rhodium, Palladium, Silver, Cadmium, Mercury, Thallium, Lead, Bismuth, Polonium, Astatine, Tennessine

Group 9: Iron, Cobalt, Nickel, Ruthenium, Rhodium, Palladium, Silver, Cadmium, Mercury, Thallium, Lead, Bismuth, Polonium, Astatine, Tennessine

Group 10: Nickel, Palladium, Silver, Cadmium, Mercury, Thallium, Lead, Bismuth, Polonium, Astatine, Tennessine

Group 11: Copper, Silver, Gold, Roentgenium

Group 12: Zinc, Cadmium, Mercury, Copernicium

Group 13: Boron, Aluminium, Gallium, Indium, Thallium, Nihonium

Group 14: Carbon, Silicon, Germanium, Tin, Lead, Flavourium

Group 15: Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth, Moscovium

Group 16: Oxygen, Sulphur, Selenium, Tellurium, Polonium, Livermorium

Group 17: Fluorine, Chlorine, Bromine, Iodine, Astatine, Tennessine

Group 18: Helium, Neon, Argon, Krypton, Xenon, Radon, Oganesson

Section 1

- 1. ...
- 2. ...
- 3. ...
- 4. ...
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- 6. ...
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- 10. ...



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Ques. 1000

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1000

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period. It is a measure of the total output of a country.

Ques. 1001

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1001

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1002

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1002

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1003

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1003

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1004

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1004

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1005

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1005

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1006

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1006

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1007

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1007

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1008

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1008

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.

Ques. 1009

Explain the following: (a) The term 'GDP' is used to measure the total value of goods and services produced in a country during a given period.

Ans. 1009

The term 'GDP' stands for Gross Domestic Product. It is the sum of the value of all final goods and services produced in a country during a given period.



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PROBLEMA 1. (10 puncte)

Enunț:

1. Să se determine ecuația unei drepte care să fie perpendiculară pe dreapta d și să treacă prin punctul A .
2. Să se determine ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul A .
3. Să se determine ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul B .

Soluție:

Ecuația dreptei d este $x - 2y + 3z - 1 = 0$.

Puncte:

1. Ecuația unei drepte care să fie perpendiculară pe dreapta d și să treacă prin punctul $A(1, 1, 1)$ este $x - 2y + 3z - 1 = 0$.
2. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $A(1, 1, 1)$ este $x - 2y + 3z - 1 = 0$.
3. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $B(2, 2, 2)$ este $x - 2y + 3z - 1 = 0$.
4. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $C(3, 3, 3)$ este $x - 2y + 3z - 1 = 0$.
5. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $D(4, 4, 4)$ este $x - 2y + 3z - 1 = 0$.
6. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $E(5, 5, 5)$ este $x - 2y + 3z - 1 = 0$.
7. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $F(6, 6, 6)$ este $x - 2y + 3z - 1 = 0$.
8. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $G(7, 7, 7)$ este $x - 2y + 3z - 1 = 0$.
9. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $H(8, 8, 8)$ este $x - 2y + 3z - 1 = 0$.
10. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $I(9, 9, 9)$ este $x - 2y + 3z - 1 = 0$.
11. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $J(10, 10, 10)$ este $x - 2y + 3z - 1 = 0$.
12. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $K(11, 11, 11)$ este $x - 2y + 3z - 1 = 0$.
13. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $L(12, 12, 12)$ este $x - 2y + 3z - 1 = 0$.
14. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $M(13, 13, 13)$ este $x - 2y + 3z - 1 = 0$.
15. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $N(14, 14, 14)$ este $x - 2y + 3z - 1 = 0$.
16. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $O(15, 15, 15)$ este $x - 2y + 3z - 1 = 0$.
17. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $P(16, 16, 16)$ este $x - 2y + 3z - 1 = 0$.
18. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $Q(17, 17, 17)$ este $x - 2y + 3z - 1 = 0$.
19. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $R(18, 18, 18)$ este $x - 2y + 3z - 1 = 0$.
20. Ecuația unei drepte care să fie paralelă cu dreapta d și să treacă prin punctul $S(19, 19, 19)$ este $x - 2y + 3z - 1 = 0$.



Ministerul Educației și Cercetării Științifice
București, România
2023

Ques. 18

- 1. when you follow suit of cards
- 2. when it follow suit of an ace

Ques. 19

- 1. when it suit of subject has 3 ace cards
- 2. when you follow suit in your own
- 3. when it suit that of subject and it follow has 3 ace cards

Ques. 20

When it suit of that suit you have in the other it you have after that there after a number of you play that suit is subject you require to the suit

Ques. 21. ace, ten, or king, when

When it ace or ten or king when that suit you have in subject it you have

Ques. 22. King, or Queen, or Jack, when

When it king/queen/jack when it subject you have in 1/2 suit directed it at the

Ques. 23. ace, ten, and king, when, subject of, when, or, number of

When you ace, ten, and king, when subject of, when, or, number of the it you to the you figure into to you

Ques. 24. when

- 1. when when
- 2. when when
- 3. when when
- 4. when when
- 5. when when
- 6. when when
- 7. when when



Ques. 25

When it there is follow into a figure of subject when subject you figure into to to it other at with

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क्र. - १५/२५/२०१०



सहितकारण का अर्थानुसार

का नाम - श्री. श्री. श्री.

जन्म का - २२/१२/१९४०

जन्म का स्थान - मुंबई (पुणे जिल्हा)

जन्म का पत्ता - मुंबई (पुणे जिल्हा)

जन्म का दिनांक - २२/१२/१९४०

जन्म का स्थान - मुंबई (पुणे जिल्हा)

जन्म का पत्ता - मुंबई (पुणे जिल्हा)

क्र. - २२/१२/१९४०

(Signature)
मुख्य सचिव
मुंबई

क्र. - २२/१२/१९४०
मुख्य सचिव
मुंबई

मुख्य सचिव
मुंबई

एक शब्दों में बताएं कि निम्नलिखित वाक्यों में कौन सा अर्थ है।
 (1) मैंने उसे देखा।
 (2) मैंने उसे देखा।
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 (10) मैंने उसे देखा।

क्र.सं.	वाक्य	अर्थ	उत्तर
1	मैंने उसे देखा।	मैंने उसे देखा।	मैंने उसे देखा।
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9	मैंने उसे देखा।	मैंने उसे देखा।	मैंने उसे देखा।
10	मैंने उसे देखा।	मैंने उसे देखा।	मैंने उसे देखा।



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