€•; ƒ„ …†‡ˆ (NUMBER SYSTEM)

‰‡Šˆ : €•; ƒ„ …†‡ˆ (Number System) ‹ ‡Œ•Ž ••€‘…Š“”„•–„–Ž :

€•; ƒ„ …†‡ˆ (Number System)

€•; ƒ„ …†‡ˆ ˜ƒ„ Œš™

›„–¢éˆ – €•; ƒ„ (Natural Number):-

…Š“€•; ƒ„ • •(Whole Numbers):-

...Š„ž- €•ƒ„Ÿ (Integers Number):-

¡„¢^‡¡– €•ƒ„ (Real no.):-

€• €•ƒ„•‹(Even numbers):‹

‡¡£• €•ƒ„•‹(Odd numbers):‹

¤„¥ƒ €•ƒ„ (Co-Prime Numbers):‹

¦ ¤„¥ƒ €•ƒ„ (Prime Numbers or Composite Number):‹

...‡–•ƒ €•, ƒ„Ÿ (Rational Number):-

¦ ...‡–•ƒ €•, ƒ„Ÿ (Irrational Number):-

π , √7 .....

¡„¢^‡¡ – €•, ƒ„Ÿ (Real Number):-

π , √7 .....

•§•¨ ¡ ‡¤©• (Decimal Fraction):-

¦ ‡ª¤„¥ƒ €•, ƒ„Ÿ (Prime Triplet Number):-

–™€-:-

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-
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-

•Œ®¡…Š“€•¯…•„Ÿ °–‡•ƒ• (Key Concepts & Rules)

- €• €•‚„ (Even Numbers):
- ‡¡£• €•‚„ (Odd Numbers):
- ¦¤„¥ƒ €•‚„ (Prime Numbers):

- €•‰‡€•‚„ (Composite Numbers):
- …‡–…Š“€•‚„ (Perfect Number):

–²³ •Œ®¡…Š“€ª (Important Formulas)

- ›´•n›„–dê–€•ƒ„µ•–„ƒ¶‰:
- ›´•n‡¡£•€•ƒ„µ•–„ƒ¶‰:
- ›´•n€•€•ƒ„µ•–„ƒ¶‰:
- •¶€•ƒ„µ•–„LCM°–HCF:

›‡^ƒ¶‰Ž…–Ž·„µ•—‡¨Ÿ‡¸˜€ (Short Tricks for Competitive Exams)

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‡•º–£“(Conclusion)

FAQ Question and Answer :

Que. €•ƒ„ ›Š„¨Ž –4 › –„– ˜ƒ„ Œš
Ans.

Que. ‰‡Š^ –Ž €•ƒ„ ›Š„¨Ž ˜ƒ„ Œ™
Ans.

Que. ...„¼ •²ƒ › –„– –Ž €•ƒ„Ÿ•–½• €Ž Œš
Ans.

Que.§©ƒ ‡–€ › –„– –Ž €•ƒ„ Œ¶^Ž Œ™
Ans.

Que. 2 Ÿ– ...‡–•ƒ €•ƒ„ ˜ƒ¶•Œ™
Ans. **Ÿ– ...‡–•ƒ €•ƒ„ p/q –¾... ••Œ¶^Ž Œ™Œ„ q**
§©ƒ –¿–„¿– •ŒŽ•Œ¶^„

¿Œ¢ ¡ –¯…Ž ƒ ›À• (Multiple Choice Questions)

Ques. 1: €¿€-¿ÁŽ 3 ¦ •-¶•–Ž €•, ƒ„ ”¶ 12, 15, 18 €-‡¡ ¤„¥ƒ Œ¶š

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Ques. 2: –¶Â €•, ƒ„ ‡” €-2 €-¤„‰ •–-…– §£ 1, 3 €-¤„‰ •–-…– §£ 2, ° – 5 €-¤„‰ •–-…– §£ 4 Ã ^„ Œš‟

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Ques. 3: ƒ‡• 40% = 28, ^¶ €•, ƒ„ ˜ƒ„ Œ¶‰Žš

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Ques. 4: ƒ‡• 2x + 3y = 12 ° – x + y = 4, ^¶ x = ?

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Ques. 5: €¿€- ³ ¶¸Ž €•ƒ„ ”¶ 8, 12, 20 €-‡¡ ¤„¥ƒ Œ™‡–• 25 €-•ŒŽš

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Ques. 6: ƒ‡• x = 3 ° – y = 2, ^¶ xÄ - yÄ –„ •„•š

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Ques. 7: ƒ‡• Ÿ– €•ƒ„Å 11 - 132 = 220, ^¶ ¡Œ €•ƒ„˜ƒ„Œ™

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Ques. 8: ƒ‡• A = 2/3 ° – B = 4/5, ^¶ A : B = ?

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Ques. 9: €¿€- ³ ¶¸Ž €•ƒ„ ”¶ 4, 6, 9 €-‡¡ ¤„¥ƒ Œ™…–•ˆ²5 €-•ŒŽš

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Ques. 10: Ÿ– €•ƒ„ –¶ 8 €-¤„‰ •–-…– §£Æ¨ 3 ŒÇ™È€-4 €-¤„‰ •–-…– §£Æ¨ ˜ƒ„ Œ¶‰„š

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Ques. 11: •¶ ¦•–¶•–Ž –½• €Ž €•ƒ„ Œ‡”€–„ ƒ¶‰ 9 ° – ¦ˆ– 1 Œš™

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Ques. 12: ƒ‡• €•ƒ„ É 9 –„ §£Æ¨ 7 Œ¦™ˆ¶ È€ €•ƒ„ –„ 9 €-‡•–¸ˆ• ³¶¸„

%Š” ˜ƒ„ Œ¶‰„š

- ○
- ○
- ○
- ○

Ques. 13: 1 €-100 ˆ– ‡–ˆ•Ž …Š“¡‰“€• ƒ„Ÿ Œš

- ○
- ○
- ○
- ○

Ques. 16: ƒ‡• –¶Â €•; ƒ„ 2, 3, 4, ° – 6 €-‡¡ ¤„¥ƒ Œ™ˆ¶ ¡Œ ‡–€€-¤Ž ‡•‡À¼ˆ ¾.. €-‡¡ ¤„¥ƒ Œ¶‰ŽŠ

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Ques. 17: ˆŽ• ¦•¶•–Ž €¿€- ³ ¶¸Ž €•; ƒ„ ”¶ 5, 6 ° – 8 €-‡¡ ¤„¥ƒ Œ¶Š

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Ques. 18: ƒ‡• x = 3 ° – y = 4 Œ¶, ˆ¶ (xÊ + yÊ)/(x - y) –„ •„• ˜ƒ„ Œ‰™

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Ques. 19: Ÿ– €•; ƒ„ –¶ 5 €-¤„‰ •-•-...– §£ 3 Ã ˆ„ Œ‡™ƒ‡• È€ ••2 Ë¸„ƒ„ ”„Ÿ ˆ¶ ¡Œ ‡–€€-‡¡ ¤„¥ƒ Œ¶‰ŽŠ

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Ques. 20: Ÿ– €• ƒ„ –¶ 7 €-¤„‰ •-...– §£Æ¨ 4 Ã ^„ ŒÇ™ƒ‡• È€ ••3 ”¶Á„ ”„Ÿ ^¶ ¡Œ 7 €-‡¡¤„¥ƒ ŒÇ™¡Œ €• ƒ„ ˜ƒ„ Œš™

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FAQ Question and Answer :

Que. €• ƒ„ ›Š„¨Ž –4 › –„– ˜ƒ„ Œš

Ans.

Que. ‰‡Š^ –Ž €• ƒ„ ›Š„¨Ž ˜ƒ„ Œš™

Ans.

Que. ...„¼ •², ƒ › –„– –Ž €• ƒ„Ÿ•–½• €Ž Œš

Ans.

Que. §©ƒ ‡–€ › –„– –Ž €• ƒ„ Œ¶^Ž Œš™

Ans.

Que. 2 Ÿ– …‡–•ƒ €•ƒ„ ˜ƒ¶Œš™

Ans. **Ÿ– …‡–•ƒ €•ƒ„ p/q –¾… ••Œ¶ˆŽ Œ™Œ„ q**

§©ƒ –¿–„¿– •ŒŽ‹Œ¶ˆ„