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# General Knowledge 0.3 For Pin Number 6

Dagnachew Jenber[1,2,*]

[1] *Department of Mathematics, Bahir Dar University, Bahir Dar, Ethiopia.*
[2] *Department of Mathematics, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia.*
[*] *Corresponding author: Dagnachew Jenber, dagnachew.Jenber@aastu.edu.et*

**Abstract**

This work presents 30 number of cards from different discplines focused on english, physics and mathematics subject. The jester cards are extraneous, Provocative, acceleration, Rational Number, Integer Number and Rakish.

## 1 መግቢያ

አሁን ባለንበት ዘመን የአንባቢያን ማህበረሰብ እየቀነሰ መምጣት አሳሳቢ ደረጃ ላይ ደርሷል። በብዙ ምክኒያት ሰወች ቁጭ ብለው ማንበብ የተውበት ጊዜ ነው። ለምሳሌ ጠቃሚ ያልሆነ ሶሻል ሚዲያ ላይና በአልባሌ ቦታወች ጊዜን ማጥፋት ከብዙወቹ ትንሾቹ ምክኒያቶች ናቸው። በ2017 ዓ.ም ዳኛቸው ለዚህ የሚሆን መፍትሄ ብሎ ያቀረበው 0 ወይም 1 ጨዋታ በሚል ርእስ የተዘጋጀ ትልቅ አክሲዮን ማህበር አለ። ይህ አክሲዮን ማህበር ከላይ የተጠቀሰውን ችግር በሚከተሉት መልኩ መፍታት ይቻላል ብሎ ያምናል። በዚህ ፅሁፍ ውስጥ የተካተተው መፍትሄ አሳማኝ ሆኖ አግኝተነዋል (ለበለጠ መረጃ የ 0 ወይም 1 መመስረቻ ፅሁፉን ይመልከቱ)። በዚህ አክሲዮን ማህበር የቀረበውን መፍትሄ ባጭሩ እንደሚከተለው አስቀምጠነዋል።

(1) ማንበብን ወይም ጥናትን መዝናኛና ገንዘብ ማግኛ እንዲሁም ደግሞ ሽልማት የሚያስገኝ ማድረግ። ከማጥኛ ወይም አዲስ እውቀትን ከማግኛ ዘዴወች ውስጥ አንደኛው ነገሮችን በተመሳሳያቸው በማዛመድ

ማወቅ ነው። ለምሳሌ የአንድ እንግሊዘኛ ቃል ብዙ ተመሳሳይ ቃላቶች አሉት። እነሱን በማዛመድ ለመሸምደድ መሞከር ጥሩ ከሚባሉት ዘዴወች ውስጥ አንዱ ነው። ግን ደግሞ ይሄን ልምምዶሽ አይረሴ ለማድረግ በጨዋታ መልክ ሆኖ በቡድን እየተዝናኑና እየተወያዩ ሲሆን ተመራጭ ያደርገዋል። ካርድ በማዘጋጀት የእንግሊዘኛ ቃላቶችን ማጥናት በሚል ዙሪያ የተጠኑ ሳይንሳዊ ጥናቶች አሉ (ለምሳሌ፣ እነዚህን ይመልከቱ፣ [1, 2, 3, 6, 7, 8, 9, 10, 12, 14])

(2) ነገሮችን በአይነት አይነታቸው እያዛማዱ ማወቅ ያመራምራል፣ ጠያቂ ያደርጋል፣ ከጓደኛ ጋር ያከራክራል፣ ማመሳከሪያ መፅሃፍ ፍለጋ እስከመሄድ ድረስ ያደርሳል። እናም በዚህ መልክ ሲሆን ያን ነገር ለመርሳት ብዙ ጊዜ ይጨርሳል።

(3) ማዛመድን ደግሞ ከጓደኛ ጋር ሆነው እየተዝናኑ በጨዋታ መልክ ካደረጉትና እውቀትንና ማወቅን ለማበረታት ደግሞ ለአሸናፊው ጉርሻ በመስጠት ከሆነ ጨዋታውም ተወዳጅ ይሆናል ማለት ነው።

(4) ከላይ ከ1-3 የተጠቀሱትን መፍትሔወች ለማከናወን የተለያዩ አይነት አዝናኝ ጨዋታወችን ማዘጋጀት።

በዚህ ወረቀት ውስጥ፣ ለ 0 ወይም 1 ጨዋታ የሚሆን ካርድን አዘጋጅተናል። ያዘጋጀነው ካርድ ለጠቅላላ እውቀት 0.3 የሚሆን ሲሆን ከዚህ በፊት ያልተዘጋጁ ካርዶችን የሚዳስስ ነው። ያዘጋጀነውን የካርዶቹን መረጃ ባጭሩ እንደሚከተለው ገልፀነዋል። የመርፌ ብዛት=6 እና k=3 ቢሆኑ። ስለዚህ n=8*3+6=30 ይሆናል። ስለዚህ አጫዋች ካርዶችን ጨምሮ ባጠቃላይ 30 ካርዶች አሉ። ተጫዋች ካርዶች፤ $30-6=24$ ካርዶች ይሆናሉ፤ 24 ደግሞ የ 8 ብዜት ነው (ለበለጠ *መረጃ የዜሮ ወይም አንድ መመስረቻ ፅሁፍን ይመልከቱ*)። አጫዋች ካርዶች የሚከተሉት ናቸው፤ extraneous፣ Provocative፣ Rakish፣ Acceleration፣ Rational number እና Integer number ናቸው።

## 2 አጫዋች ካርዶች (Jester Cards)

**Definition 2.1** (Extraneous). *Something that is not essential or relevant to the matter at hand. (see, [4]).*
*Example: In solving the equation , the solutions are valid, but if we square both sides of an equation like and get , the solution would be extraneous.*

**Definition 2.2** (Provocative). *Causing a strong reaction, often in a deliberate way; intended to stimulate thought, debate, or controversy. (see, [5]).*
*Example: A provocative article questioning the validity of established scientific theories may spark debate in the academic community.*

**Definition 2.3** (Rakish). *Rakish describes someone who is stylishly unconventional or morally questionable, often with a carefree or dashing appearance. (see, [4]).*
*Example: He had a rakish charm, with his unbuttoned shirt and confident smirk, making him seem both attractive and rebellious.*

**Definition 2.4** (Acceleration). *Acceleration is the rate of change of velocity of an object with respect to time. Mathematically, it is given by:* $a = \frac{dv}{dt}$ *(see, [11]).*
*Example: A car increasing its speed from 20* $m/s$ *to 30* $m/s$ *in 5 seconds has an acceleration of:* $a = \frac{30-20}{5} = 2\ m/s^2$.

**Definition 2.5** (Rational Number). *A rational number is any number that can be expressed as the quotient or fraction* $\frac{p}{q}$ *, where* $p$ *and* $q$ *are integers, and* $q \neq 0$. *The set*

*of rational numbers is denoted by* $\mathbb{Q}$. *For more see [13].*
*Example: The numbers* $\frac{3}{4}$, $-2$*(which can be written as* $\frac{-2}{1}$ *), and 0.75 (which is* $\frac{3}{4}$*) are rational numbers.*

**Definition 2.6** (Integer number)**.** *An integer is any whole number, including positive numbers, negative numbers, and zero, denoted by:* $\mathbb{Z} = \{\ldots, -3, -2, -1, 0, 1, 2, 3, \ldots\}$ *(see, [13]).*
*Example: -5, 0, and 12 are all integers*

# 3 ተጫዋች ካርዶች ከነአጫዋቻቸው (Player Cards with their Jester)

1. extraneous=external=outside=exterior=outward=alien=foreign=extrinsic.
2. provocative=suggestive=erotic=indecent=titillating.
3. Rakish=dashing=sporty=stylish=debonair=jaunty=dapper=disreputable.
4. acceleration=(change in velocity)/(change in time)=rate at which velocity changes with time, in terms of both speed and direction.
5. $\mathbb{Q}$=mathematical symbol for the set of rational numbers=$\{\frac{a}{b},\ b \neq 0\}$, where $a$ and $b$ are integers.
6. $\mathbb{Z}$=mathematical symbol for the set of integers=$\{\cdots, -3, -2, -1, 0, 1, 2, 3, \cdots\}$.

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