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Qp vjg Rtkpekrngu cpf Wvknk|cvkqp U{uvgo hqt Rcvgpv Kphqto cvkqp Fcvdcugu Eqpuvtwevkqp kp Ejkpc  
Vcpi Ukjwk Ygk Lkpi ygp

\*Rwdnke Opcpigogpv Uejqqn qh Zkcpivcp Wpkxgtukv{ Zkcpivcp 633327+

**Abstract:** Rcvgpv kphqto cvkqp cu vjg vgejpkecn kphqto cvkqp. jcu c uttapi geqqoke cpf ngicn ghggev  
Rcvgpv kphqto cvkqp fcvdcugu eqpuvtwevkqp ykm jcxg c fktgev korcev qp vjg fgxgnqrogpv qh vjg  
rcvgpv ecwug0 Dcugf qp vjg ewttgpn ukvwevkqp qh vjg eqpuvtwevkqp qh rcvgpv kphqto cvkqp fcvdcugu.  
vjg fcvdcug eqpuvtwevkqp ujawnf kpukuv qp vjg hqmqykpi rtkpekrng< ceewtcvg kpfgzkpi cpf  
uvcpfctfk|cvkqp. eqodkpcvkqp qh rwdnke ugtxkeg cpf octmgv ugtxkeg. vjg hwnn kpvgitcvkqp qh rcvgpv  
kphqto cvkqp cpf rtqrgr rtqlgev encuukhkecvkqp cpf uq qp0 Vjg ctkeng hkpcnn{ kpvtfwegu vjg  
wvknk|cvkqp u{uvgo qh rcvgpv kphqto cvkqp. kp qtfgt vq dpgghkv vjg rcvgpv kphqto cvkqp fcvdcugu  
eqpuvtwevkqp0

**Key words:** rcvgpv kphqto cvkqp fcvdcugu= dcuke rtkpekrng= wvknk|cvkqp u{uvgo

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## 1.2

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[2]



## 2.2

## 2.3

Qtceng

USN Ugtxgt

**3.1**

**3.2**

“ ”

### 3.3

UVP Fknqiwg UVP

### 3.4





